

DIRECT EXHIBITS
OF
D. TRACEY WILKES

2005-110-W/S

**Petition of the Office of Regulatory
Staff to Request Forfeiture of the
Bond and to Request Authority to
Petition the Circuit Court for
Appointment of a Receiver**

RECEIVED
2005 JUL 19 PM 4:27
SO. DIST. CT. E.
CORVALLIS, OR

Piney Grove Utilities, Inc.717 King St.
Columbia, SC 29205

June 01, 2001

Sonya
Michelle
Belinda
Tracey

Mr. L. Nelson Roberts, Jr
Department of Health & Environmental Control
Bureau of Water
By: FAX : (803)898-3795

Dear Nelson,

Please change or add to your, and hopefully the Department, database the following contact information.

Piney Grove Utilities
717 King St.
Columbia, S.C. 29205

Contact Name: Reece Williams
telephone: 803 606 9224

The following includes either an on site manager; generally a resident/ customer or licensed contract operator. Please list these as additional or emergency contacts

Piney Grove Utilities
Subdivision Name: Albene Park, Water
Location: Columbia, Hopkins, Lower Richland Blvd. to Albene Dr.
Manager: Mr. Gene Huggins 803 603 1756
Operator Alternate Ms. Rita Foxworth 803 473 0572

Subdivision Name: Franklin Park, Water/ Wastewater
Location: Columbia, Hopkins, Lower Richland Blvd. to Cabin Creek Blvd. to Ault Rd.
Manager: Mr. Gene Huggins 803 603 1756
Operator Alternate: Ms Rita Foxworth 803 473 0572

Subdivision Name: Eloydwood, Wastewater *Lex*
Location: Cayce, Old Charleston Hwy., past I-26 several miles on left to Lloydwood Dr.
Manager: Charles Ray 803 791 7884
Operator Alternate: E&A Services 803 796 1602

RECEIVEDJUN 27 2001
CENTRAL MIDLANDS
DISTRICTEXHIBIT #DTW 1

Eagle Point Water Co.

Address : PO 71, Manning 29464

Subdivision Name: Eagle Point Subdivision, Water

Location: Manning, Lake Marion Dam

Manager: Mr. Tommy Harris 803 478 4790

Operator Alternate: Ms. Rita Foxworth 803 478 0572

Piedmont Water Co.

Subdivision Name: Gauley Falls, Water

Location: Greenville, Pickens, Hwy 11 & Hwy 178

Manager/ Operator: Mr. David Harris 864 878 6172

Alternate: Resort office 864 878 3942

Tickton Hall Water

Subdivision Name: Tickton Hall Plantation

Location; Beaufort, Ridgeland Hwy 170 & Hwy 278

Manager/ Operator: Mr. Marvin Wolfe 843 726 3133

Alternate: Horry Well Service 843 726 8560

I thought I would remind you that all of the customers have my direct dial number and you may list that as the contact where ever you feel necessary or uncertain.

Thank you,
Reece Williams

RECEIVED

JUN 27 2001

**CENTRAL MIDLANDS
DISTRICT - EQC**



South Carolina Department of Health
and Environmental Control

**Environmental Quality Control
Incident Report
Incident No.: 200101997**

County: Lexington **District:** Central Midlands **District Log No.:**

Incident Type: Pollution **Sub Type:** Sewer **Incident Status:** Open
Created: 05/22/2001 by Robert M Duncan **Updated:** 05/22/2001 by Robert M Duncan
Caller: Wendy Hollingsworth, Private Citizen
420 Old Plantation Dr
Lloydwood
West Columbia SC 29172
Callback: 803-794-5881

Description of incident: Sewer main is backing up causing overflow.

Documents attached:

Potential Responsible Party:

Observed: 05/21/2001
Occurred: 05/21/2001
DHEC Notified: 05/21/2001 1810 via Phone Robert M Duncan
Assigned to: Larry Boland

48 Hour Goal Met? N **5 day goal met?** N **CBEP?** N

Closure comments:

Signature: _____

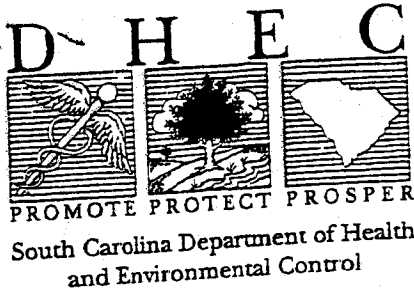
Date: _____

Site information

Sewer Overflow

Address: 420 Old Plantation
West Columbia SC 29171**County:** Lexington **District:** Central Midlands**Directions:****Land Owner:****PCS City:****Community:****Lab District:****Waterbody:****River Basin:****Water Class:****Watershed:****Stream seg:****USGS Hydrologic Unit:****Notifications**

Date	Time	Organization/Contact	Notified by / Comments	Ref
05/21/2001	1820	EQC Central Midlands. Larry Boland	Robert M Duncan	



**Environmental Quality Control
Incident Report
Incident No.: 200103443**

County: Lexington District: Central Midlands District Log No.: 0821

Incident Type: Pollution Sub Type: Sewer Incident Status: Open
Created: 08/16/2001 by Lisa M Jackson Updated: 04/15/2002 by Tracey Wilkes
Caller:

Description of incident: Complainant called to report a raw sewage smell in the neighborhood named Lloydwood S/D. Caller states that a sewer system is set up behind their house and they believe the smell is coming from there. Caller states the smell has been an ongoing for at least 3-4 months.

Potential Responsible Party: Piney Grove Util Lloydwood SD
1500 Lady St
Columbia SC 29201
Phone: 803-799-9700

Observed:

Occurred:

DHEC Notified: 08/16/2001 11:26:19 via Phone Lisa M Jackson

Assigned to: Tracey Wilkes

Verified: 08/17/2001

48 Hour Goal Met? Y **5 day goal met?** Y **CBEP?** N

Closure comments: 08/16/01 @ 1445 Contacted operator of facility, who returned my call. Explained the complaint received about the facility. Operator agreed that there was some odor contributes it to algae in creek. Contract operations wants to use chlorine or lime to disburse in receiving stream, however, would not be fisible due to limits of TRC and pH. Contacted caller with owners phone number and the number to DHEC's enforcement section. Performed an O&M inspection on the facility on 08/17/01, pictures available. Polishing pond totally covered in duckweed, effluent green. Unsatisfactory inspection, mostly housekeeping,

Signature: Tracey Wilkes

Date: 4/15/02



South Carolina Department of Health
and Environmental Control

Wastewater Treatment Facility Operation & Maintenance Evaluation Report

Central Midlands EQC

P. O. Box 156

State Park, SC 29147

(803) 896-0620

(803) 896-0617 Fax

NPDES NO. SC0031402
Facility: Lloydwood S/D WWTP
County: Lexington
Owner: Piney Grove Utilities, Inc.
Mr. Reece Williams, President
Address: 717 King Street
Columbia, SC 29201

Pipe: 001

Last Insp. Date: 05/01/00

Phone #: 803-606-9224

Operator Grade: A
Grade Required: C

Facility Observation Checked	Rating	Field Tests:	Effluent
Flow Measurement (90 Degree V-Notch)	SAT	pH (Su)	6.87
Fine Screen	n/a	D.O. (Mg/l)	5.45
Grinder	n/a	Temp (deg. C)	26.5
Grit Removal	n/a	TRC (mg/l)	<0.10
Primary Sedimentation	n/a	CL2 In C.C.	2.0
Trickling Filter	n/a		
Aeration-(Type:CONT)(2)	SAT		
Secondary Sedimentation	n/a		
Digester	n/a		
Ponds(1)Aerated & (1)Polishing	UNSAT		
Post Chlorination(150 lb Cl2 gas)	SAT		
Dechlorination	n/a		
Sludge Disposal	n/a		
Final Filters	n/a		
Spray \ Tile Field	n/a		
Housekeeping	UNSAT		
Other-On-site Pump Station	SAT		
Other-Compliance Schedule	UNSAT		

Remarks/Comments/Recommendations:

O&M inconjunction with a Complaint Investigation.
The Operator of Record: Mr. Will Stephenson, "A" Biological # 8471
The effluent has a green tint.

A Consent Order (94-002-W) was issued to the permittee and has not been fulfilled. The Permittee has appealed the Circuit Court Judge's ruling.

This inspection is in conjunction with an odor complaintant investigation. Slight odors were present at the discharge side of the polishing pond and at the effluent discharge point. The polishing pond is covered 100% with duckweed.

The facility is required to be inspected and sampled for effluent parameters seven (7) days a week according to the NPDES permit. The facility is being inspected and sampled Monday through Friday only.

As indicated in the last two inspections, the posting of a weather durable sign with a 24 hour emergency number and contact person has not been posted at the entrance gate. I sign is located on the gate, however, does not include the 24 hr. Emergency number and contact person posted.

Facility grounds are not being maintained as required. Vegetation is very high on the free board of both ponds, the grounds of the facility and at the effluent basin is very high in vegetation and all these areas must be cut and maintained. Tree limbs are laying on the fence line around the wastewater plant must be removed. The ponds dikes are eroding and corrective measures must be taken.

The Department had not received a response from the last inspection performed in May, 2000.

A response is being requested with in ten (10) upon receiving this inspection stating what corrective actions are taking place to correct the deficiencies.

Unsatisfactory
Overall Rating

08/17/01
Date: (mm/dd/yy)

1000
Military Time

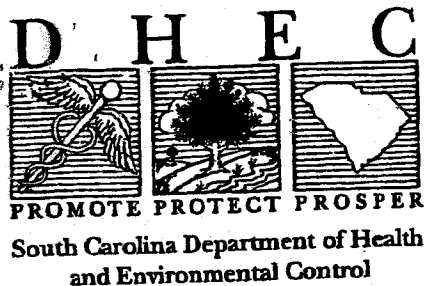
Will Stephenson & Bob Carr
Operator w/Inspector

E. Tracy Weeks
DHEC Field Inspector

SEP
Reviewed By

Inspection was made to determine the operating condition of the plant and, is not to be interpreted that adequate treatment is being provided.

cc: Thurston Chavis, E.A. Services, Inc.



**Environmental Quality Control
 Incident Report
 Incident No.: 200103637**

County: Lexington **District:** Central Midlands **District Log No.:** 0831

Incident Type: Pollution **Sub Type:** Sewer **Incident Status:** Closed
Created: 08/27/2001 by Lisa M Jackson-Epps **Updated:** 04/15/2002 by Tracey Wilkes
Caller: [REDACTED]
 428 Old Plantation Dr
 West Columbia SC 29172
 Callback: 796-9560

Description of incident: Complainant called to report a raw sewer smell coming from a waste water treatment plant in the neighborhood. Caller notice odor going on for 3 months, and odor is at its worse @ 7pm. Caller notice that the smell is continually getting worse.
Documents attached:

Potential Responsible Party: Piney Grove Util Lloydwood SD
 1500 Lady St
 Columbia SC 29201
 Phone: 803-799-9700

Observed:

Occurred:

DHEC Notified: 08/27/2001 14:13:54 via Phone Lisa M Jackson-Epps

Assigned to: Tracey Wilkes

Verified: 08/29/2001

48 Hour Goal Met? Y **5 day goal met?** Y **CBEP?** N

Closure comments: Contacted complainant. Has small children can't play in yard due to odor being so bad. Tributary runs between two homes, under the road and combines to other streams (storm drainage) then eventually to a creek. Performed an o&m inspection, took pictures. Slight odor observed. Additional field visit on 8/29/01. Called complainant left message that odors were confirmed. Contacted owner and operator of facility. Submitted O&M inspection and letter.

Signature:

Tracey Wilkes

Date:

From: Tracey Wilkes
To: COLUMB32.HUNTERAH *Lex Co.*
Date: 8/27/01 2:59pm
Subject: Lloydwood Utilities NPDES#SC0031402 Lex. Co

FYI

The Department has received two complaints since 8/16/01 about a bad sewer odor coming from the WWTP. A site inspection was performed on 8/16/01 and the complaint was discussed with the Operator of Record on site. Currently, the O&M inspection, a letter to the owner is in progress along with the two odor complaints.

During the inspection @ 1100 am effluent pH was 6.87, Dissolved oxygen 5.45. Cl2 feed >2.0 and final TRC <0.1 mg/L. The vegetation in and around the grounds was very high. Especially since the goats died. Operator can't seem to get the owner to do anything about the vegetation or odors.

The complaints say the odor is much worse at night. In fact, the odor is settling in there homes. They live right behind the plant, closest to the effluent discharge. The creek is very close to one of their home's and is on there property.

The homeowners have been calling CW Haynes about the odors and nothing gets done. I gave them Reese Williams number also.

In my opinion, the duckweed is very bad. 100% coverage in the polishing pond. The aeration pond has two aerator operating at all times..

Thanks, Tracey

CC: BOLANDLE

FIELD INSPECTION REPORT

SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL
CENTRAL MIDLANDS DISTRICT EOC OFFICE

Date / Time: August 29, 2001 @ 11:25
Project: Lloydwood Subdivision WWTP
NPDES Permit#SC0031402
Reference: Odor Complaint
County: Lexington
Present at site: SCDHEC Wastewater Sampler
To: Larry Boland

The following was noted:

A follow-up site visit was made at the wastewater facility due to a second odor complaint that was received on August 27, 2001 referencing raw sewer odors coming from a wastewater plant.

Odors were detected in the location of the effluent discharge point and at the polishing pond. The D.O. level on the discharge side of the polishing pond was 0.97 mg/l and the D.O. at the effluent discharge site was 3.00 mg/l.

The effluent was green and the polishing pond was covered in duckweed.

Signed Matthew S. Kucelinski
8-31-01

cc: District Main File
District O&M File



CENTRAL MIDLANDS EQC DISTRICT
PO Box 156, Building #5
State Park, SC 29147
(803) 896-0620 Fax (803) 896-0617

August 31, 2001

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Mr. Reece Williams, President
Piney Grove Utilities, Inc.
717 King Street
Columbia, SC 29201

Re: Lloydwood Subdivision WWTP
Odor Complaints and Site Inspections
NPDES Permit #SC00231402
Lexington County

Dear Mr. Williams:

As you are probably aware, the Department was notified and has responded to two odor complaints in the Lloydwood Subdivision neighborhood where the wastewater Treatment Plant is located. In conjunction with this complaint investigation, an Operation and Maintenance (O&M) Inspection was performed on August 17, 2001 and a follow-up site visit was made on August 29, 2001 at the wastewater treatment facility. Please see attached reports. As a result of these visits, the Department is contributing these odors to the polishing pond's low dissolved oxygen level.

As indicated in the O&M inspection, duckweed is covering 100% of the polishing pond where odors were present during both visits. Although, effluent dissolved oxygen levels were within the permitted discharge minimum limit (not less than 2.0 mg/L) on both days, the polishing pond's dissolved oxygen level prior to discharging to the effluent basin was less than 1.0 mg/L (0.97 mg/L). This is an indication that the duckweed is not allowing the sunlight to penetrate the pond which hinders surface aeration, causing a reduction in dissolved oxygen levels, thus producing odors.

The Department is recommending that the permittee have the duckweed removed instead of treating the pond with a herbicide. This recommendation is based on the fact that the pond has a continuous discharge to the receiving stream. The Duckweed can be raked, sprayed with water or pushed to a corner of the pond (by boat and a board) where it can be physically removed with a mesh wire bucket and disposed of properly. The Duckweed cannot be discharged to the receiving stream.

EXHIBIT #DTW 7

Page 2
Lloydwood S/D WWTP & Complaints
08/30/01

The District office is requesting that the permittee start removing the duckweed from the pond immediately upon receiving this letter and within (10) days upon receiving this letter, submit to the Department a letter indicating the status of the duckweed removal and what actions will be taken in the future to eliminate the overgrowth of duckweed and the pond odors.

Should you have any questions, please contact me or Larry Boland at (803) 896-0620.

Sincerely,



D. Tracey Wilkes
Wastewater Evaluator - Central Midlands EQC District

Attachments: O&M Inspection Report
Follow-Up Site Visit

cc: Larry Boland, CM-EQC
Anastasia Hunter-Shaw, BOW Enforcement
Robin Foy, BOW Enforcement
Thurston Chavis, E.A. Services, Inc.



South Carolina Department of Health
and Environmental Control

Copy
Lloydwood WWTP
Environmental Quality Control
Incident Report
Incident No.: 200201511

Page 1

County: Lexington District: Central Midlands District Log No.:

Incident Type: Pollution Sub Type: Wastewater Incident Status: Closed
Created: 04/12/2002 by Tracey Wilkes Updated: 04/15/2002 by Tracey Wilkes
Caller: [REDACTED]

428 Old Plantation Dr
West Columbia SC 29172
Callback: 796-9560

Description of incident: Lloydwood Sewer Plant has a bad odor.
Documents attached:

Potential Responsible Party: Piney Grove Util Lloydwood SD
1500 Lady St
Columbia SC 29201
Phone: 803-799-9700

Observed:

Occurred:

DHEC Notified: 01/15/2002 15:30:25 via Phone Tracey Wilkes

Assigned to: Tracey Wilkes

Verified: 01/15/2002

48 Hour Goal Met? Y 5 day goal met? Y CBEP? N

Closure comments: Facility is under enforcement. Made site visit, walked the receiving streams near by and sampled streams as discussed with the enforcement section of DHEC. Site inspection of facility for analytical data. Odors are present, polishing pond has a 100% cover of duckweed floating on the surface. Discharge point into storm drainage ditches (unnamed tributary) have a white film from the discharge. see analysis and pictures.

Signature: *Tracey Wilkes*

Date: _____

Site information

Piney Grove Utilities, Lloydwood Subdivision

Address:

County: Lexington **District:** Central Midlands

Directions: Take US 321 towards Swansea, approximately 1.5 miles to 2.0 miles southeast of I-26 (towards Charleston) in Lexington County. Lloydwood Subdivision.

Land Owner: [NEWLINE] 1500 Lady St

Columbia SC 29201

Phone: 803-799-9700

Piney Grove Util Lloydwood SD

PCS City:

Community:

Lab District:

Waterbody:

River Basin:

Water Class:

Watershed:

Stream seg:

USGS Hydrologic Unit:

Notifications

Date	Time	Organization/Contact	Notified by / Comments	Ref
01/15/2002		BOW - Compliance - Enforcement. J R Foy	Tracey Wilkes: Invited enforcement & compliance personnel to tag alone on the site visit while sampling facility and streams EQC was instructed where to sample & which parameters to sample for instead of visit. Discussed grab samples already taken at facility.	
01/16/2002		BOW - Compliance - Enforcement. J R Foy	Tracey Wilkes: Notification of field parameters results and submitted other samples at lab.	

Scheduled Events

Scheduled	Event Type	Completed	Remarks
01/14/2001	DHEC Action	01/15/2001	Lloydwood S/D WWTP Discharge 001 (Analyses) lab no. AA27356, time 1010, grab, weather 02, air temp 6.0C, flow 0.732 MGD, pH 7.70 mg/L, DO 3.60 mg/L, water temp 6.5C, trc <0.10 mg/l, cc trc >2.0 mg/L. Fecal coliform result was 20 cnt/100 ml.
01/14/2001	DHEC Action	01/16/2001	Lloydwood S/D WWTP Discharge 001 (Analyses) 0930 am, Field parameters: weather 01, air temp 7.0C, flow 0.6067 MGD, pH 7.25 mg/l, DO 3.65 mg/L water temp 6.5C, TRC 0.10, fecal coliform <20 cnt/100 ml.
01/14/2001	DHEC Action	01/16/2001	Lloydwood discharge 001 (Analyses) composite NH3 21 mg/L, Cd <0.010 mg/l, Cu 0.019 mg/l, Pb <0.050 mg/l, Zn 0.053 mg/L, BOD 36 mg/L, TSS 37 mg/L.

01/15/2001	DHEC Action	01/16/2001	Discharge 001 weather 00, air temp 6.5C, pH 6.90 mg/L, DO 3.35 mg/L, water temp 6.0C, trc <0.10, flow 0.0505 mgd, cc trc >2.0 mg/L, fecal <20 ctn/100
01/15/2001	DHEC Action	01/16/2001	Discharge composite numbers. NH3 21 mg/l, Nitrate/Nitrite 0.038 mg/L, TKN 24 mg/L, TP04 3.2 mg/L, Cd <0.010 mg/L, Cu 0.012 mg/L, pB <0.050 mg/l, Zn 28 mg/L, BOD 28 mg/L, TSS 31 mg/L
01/15/2001	DHEC Action	01/15/2001	grabs:001, DO 3.65, Temp 6.5C, fecal:lab cancelled: PP-1 (polishing pond), DO <1.0, Temp 6.5C: DSM-1 (Down strm), DO 7.3, Temp 8.0C, fecal 320: USM-1, DO 10.05, Temp 8.0C, fecal 240: BMS-1 (plant waste before mixing), DO 4.80, Temp 7.0C, fecal 840 est)

Tasks

Complaint Inspections(Inspection) Status: Complete Started: 04/12/02 Completed: 04/12/02 Results: Complete

12/17/2002

7 STREET

①



← DRIVEWAY

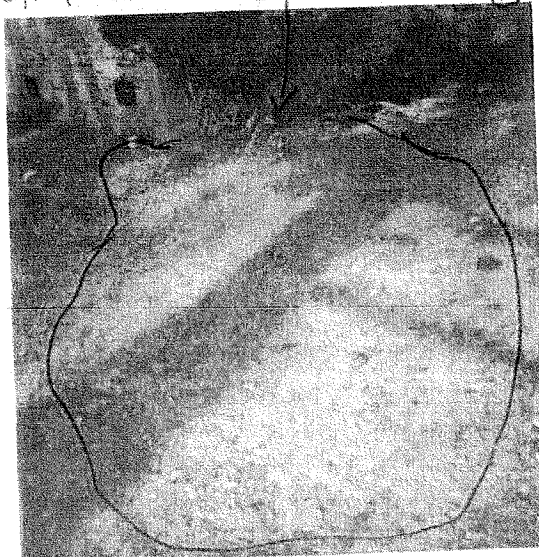
LLOYDWOOD S/D 305 SOUTHWALL
CLEAN-OUT OVERFLOWING WHILE ON-SITE

S.C. JOHNSON

12/17/2002

CLEAN-OUT

②



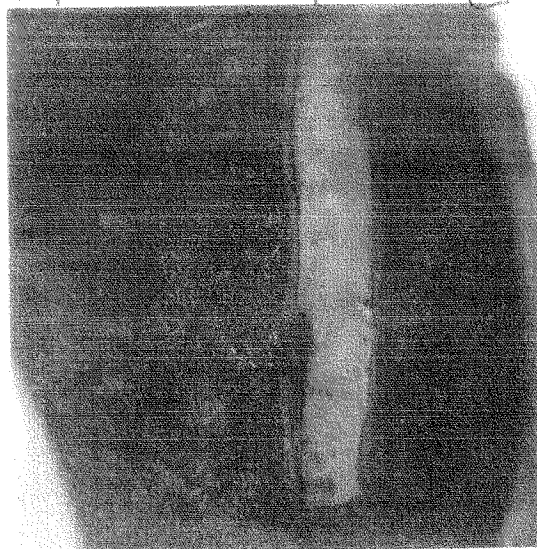
LLOYDWOOD S/D 305 SOUTHWALL
REMNANTS OF SOLIDS/DEBRIS FROM
CLEAN-OUT IN THE YARD.

S.C. JOHNSON

12/17/2002

↑ 312

③

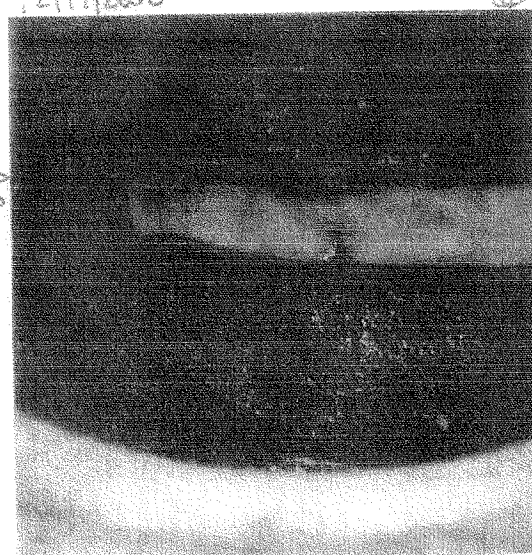


LLOYDWOOD S/D MANHOLE AT 312 SOUTHWALL
LIQUID PRESENT - NOT FLOWING, STANDING STILL.
LIQUID ONLY PRESENT IN THE MANHOLE.

S.C. JOHNSON

12/17/2002

④



LLOYDWOOD S/D MANHOLE AT 312 SOUTHWALL
LIQUID PRESENT - NOT FLOWING, STANDING STILL.
LIQUID ONLY PRESENT IN THE MANHOLE.

S.C. JOHNSON



South Carolina Department of Health
and Environmental Control

Lloydwood S/D WWTAP
Copy

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**Environmental Quality Control
Incident Report
Incident No.: 200201516**

County: Lexington **District:** Central Midlands **District Log No.:**

Incident Type: Pollution **Sub Type:** Wastewater **Incident Status:** Open
Created: 04/15/2002 by Tracey Wilkes **Updated:** 04/15/2002 by Tracey Wilkes
Caller: [REDACTED]

428 Old Plantation Dr
West Columbia SC 29172
Callback: 796-9560

Description of incident: Complaint of bad sewer odor in their home due to wastewater plant.
Documents attached:

Potential Responsible Party: Piney Grove Util Lloydwood SD
1500 Lady St
Columbia SC 29201
Phone: 803-799-9700

Observed:

Occurred:

DHEC Notified: 04/01/2002 08:20:23 via Phone Tracey Wilkes

Assigned to: Tracey Wilkes

48 Hour Goal Met? Y **5 day goal met?** Y **CBEP?** N

Closure comments: Asked complainant to contact the public service commission and the enforcement section (wastewater) due to this facility being in enforcement. Notified District Water Program Manager and BOW Wastewater Enforcement Program Manager of the complaint. It was decided to write another referral on this facility due to O&M problems. Contacted complainant at 1320 pm confirming odors.

Signature:

Tracey Wilkes

Date:

Notes

Date: 04/15/2002 Time: 08:23:54 Created by: Tracey Wilkes (Significant)

Complainant has contacted owner who told them that if he would upgrade, it would cost the residents 3,000 each and the sewer bill would also increase. Complainant doesn't understand why it should be the residents problem. I referred them to the Public Service Commission and our enforcement section manager due to this facility being currently under enforcement. However, the district did make a visit and observed the odors.

Date: 04/15/2002 Time: 14:07:57 Created by: Tracey Wilkes (Significant)

Steve Wall, District Sampler did a field inspection at the facility. Sampled discharge from polishing pond before effluent discharge weir box. Found the DO from polishing pond to be 0.25 mg/L @ 15.0C temp.

001 Discharge DO was 4.10 mg/L @ 15C temp. Flow picking up oxygen over the weir structure. Polishing pond still green, 100% duckweed, sulfur odors at discharge point. Called complainant confirming that the facility does have a bad odor. Notified District Water Program Manager of results.

Tasks

Complaint Inspections(Inspection) Status: Complete Started: 04/15/02 Completed: 04/15/02 Results: Complete

DO in polishing pond
0.25 @ 15.0

discharge 001
4.10 @ 15.0

called
comp.

41.02
@
1320

BOW

Tracey Wilkes - Lloydwood Subdivision WWTP

From: Tracey Wilkes
To: Boland, Larry
Date: 4/2/02 11:04 AM
Subject: Lloydwood Subdivision WWTP
CC: Wall, Steve K.

Larry,

I received another call from a resident of Lloydwood Subdivision. This is the resident that called on Monday morning. They are complaining about bad odors again. Said it became worse when a new person took over the ownership of the facility. Says they called the owner and finally got in touch with him. The owner told them that if he were to upgrade, it would cost the residents \$3,000 each. Complainant doesn't understand why it is their problem.

Steve's results on April 1, 2002 at Lloydwood S/D WWTP.

Polishing pond discharge into the weir box was 0.25 ppm of dissolved oxygen @ 15.0 degrees Celcius.

Discharge 001 which was measured after the notch weir was 4.10 ppm of dissolved oxygen @ same temp above.

The NPDES permit discharge minimum DO is at least 2.0 ppm. However, we believe that the water is being aerated as it passes over the weir and the more representative DO is from the water leaving the pond to before going over the weir. As stated above, the polishing pond water is less than 1 ppm of DO. Odors are bad and polishing pond is still full of duckweed. Attempts to have the owner address the duckweed has been made but have been unsuccessful.

The complainant wants to know who they can contact next to get their concerns addressed. The Lloydwood community will be meeting tonight about this matter.

4/2/02
initial
call.



South Carolina Department of Health
and Environmental Control

Copy
Lloydwood WWTP

Page 1

Environmental Quality Control
Incident Report
Incident No.: 200201517

County: Lexington District: Central Midlands District Log No.:

Incident Type: Pollution Sub Type: Wastewater Incident Status: Open
Created: 04/15/2002 by Tracey Wilkes Updated: 04/15/2002 by Tracey Wilkes
Caller: [REDACTED]

428 Old Plantation Dr
West Columbia SC 29172
Callback: 796-9560

Description of incident: Complainant has called again due to bad sewer odors lingering in their home. Complaint says it leave a rotten egg odor in their home. They have been dealing with this for five years. However, it became worse when new person took over ownership. They can not seem to get anywhere with Reece Williams, Owner.

Documents attached:

Potential Responsible Party: Piney Grove Util Lloydwood SD
1500 Lady St
Columbia SC 29201
Phone: 803-799-9700

Observed:

Occurred:

DHEC Notified: 04/09/2002 08:35:33 via Phone Tracey Wilkes

Assigned to: Tracey Wilkes

48 Hour Goal Met? Y **5 day goal met?** Y **CBEP?** N

Closure comments: Asked caller to contact the enforcement section of DHEC due to this facility being under enforcement.

Signature: Tracey Wilkes

Date: _____



South Carolina Department of Health
and Environmental Control

Lloydwood WWTP
COPY
Environmental Quality Control
Incident Report
Incident No.: 200201715

Page 1

County: Lexington District: Central Midlands District Log No.:

Incident Type: Pollution Sub Type: Sewer Incident Status: Closed
Created: 04/24/2002 by Chris Staton Updated: 04/24/2002 by Chris Staton
Caller: [REDACTED]

428 Old Plantation Dr
West Columbia SC 29172
Callback: 803-796-9560

Description of incident: Caller concerned about odors from sewage utility in Lloydwood subdivision. Odor is in caller's house. Complained a couple of weeks ago and situation improved for a while but odor is back. Complaining of a foul odor from a nearby drainage ditch, caller has complained to DHEC on other occasions.

Documents attached:

Potential Responsible Party: Piney Grove Util Lloydwood SD
1500 Lady St
Columbia SC 29201
Phone: 803-799-9700

Observed: ONGOING
Occurred: ONGOING
DHEC Notified: 04/23/2002 2000 via Phone Chris Staton
Assigned to:

48 Hour Goal Met? Y 5 day goal met? Y CBEP? N
Closure comments: Call information to forwarded to the Bureau of Water.

Signature: _____

Date: _____

Notifications

Date	Time	Organization/Contact	Notified by / Comments	Ref
04/24/2002	0912	EQC Central Midlands Tracey Wilkes	Chris Staton: Will pass info along to Bureau of Water	

Tracey Wilkes - Laurie Cox/Lloydwood

From: Anastasia Hunter-Shaw (Anastasia Hunter-Shaw)
To: Wilkes, Tracey
Date: 7/31/02 11:23 AM
Subject: Laurie Cox/Lloydwood

Tracey,

Just wanted to update you on the Cox/Lloydwood situation: I spoke with Mrs. Cox and Reece Williams last week. Mrs. Cox said that Williams finally sent a crew out, but she's not sure what they did. Williams left me a voice mail stating that his crew jettied the lines, etc. and that everything was fine.

Anastasia



South Carolina Department of Health
and Environmental Control

Page 1

Environmental Quality Control
Incident Report
Incident No.: 200204710

County: Lexington District: Central Midlands District Log No.: 1102

Incident Type: Pollution Sub Type: Sewer Incident Status: Open
Created: 11/07/2002 by Lisa M Jackson Updated: 01/15/2003 by Steve K Wall
Caller: Sprinkle Lykes
205 Southall Rd
West Columbia SC
Callback: 791-9342

Description of incident: Complainant called to report sewage backing up into his house and yard. The caller lives in Lloydwood S/D @ 305 Sout Hall Road, Piney Groove Utilities is the sewer service in that area. The caller said that he had a plumber (Knights Plumbing) to to come out and found nothing that he could do to stop this overflow. Please call the complainant, he would like to meet with you when you come out.

Documents attached:

Potential Responsible Party: Piney Grove Util Lloydwood SD
* 1500 Lady St
Columbia SC 29201
Phone: 803-799-9700 *Lux.*

Observed:

Occurred:

DHEC Notified: 11/07/2002 16:05:17 via Phone

Assigned to: Tracey Wilkes

48 Hour Goal Met? Y 5 day goal met? Y CBEP? N

Closure comments: see notes for comments

Signature: *Tracey Wilkes*

Date: 6/23/04

June 24, 2003 (w)

Incident 200204710

Post-It® Fax Note

7671

Date: 7/19/05

Page: 13

To: Ben M.

From: Tracey Wilkes

EXHIBIT #DTW 12

Notes

Date: 12/17/2002 Time: 10:36:07 Created by: Tracey Wilkes (Significant)
11/7/02 @ 1620, STEVE WALL CONTACTED COMPLAINANT FOR DETAILS.

Date: 12/17/2002 Time: 10:37:35 Created by: Tracey Wilkes (Significant)
11/08/02 STEVE WALL VISITED THE SITE, BETWEEN 302 AND 304 S. HALL RD MAIL LINE NOT FLOWING WELL AND LOTS OF DEBRIS IN LINE. 310 AND 312 S. HALL RD MAIN LINE IS BLOCKED. CONTACTED COMPLAINANT ABOUT WHAT HE FOUND AND CONTACTED REECE WILLIAMS AND LEFT A VOICE MAIL MESSAGE OF HIS FINDINGS AND ASKED THAT IT BE CORRECTED. ALSO SO INFORMED HIM OF THE MANHOLE OVERFLOWING AT 310 HADLEY HALL RD. STARTED OVERFLOWING ON 11/12/02. ASKED FOR A FOLLOW UP CALL ON CORRECTING THE PROBLEM. TRACEY ALSO CALLED AND LEFT A MESSAGE ON VOICE MAIL.

Date: 12/17/2002 Time: 10:38:53 Created by: Tracey Wilkes (Significant)
12/12/02. THURSDAY, RECEIVED ANOTHER PHONE CALL FROM COMPLAINANTS. CLEAN OUT STILL OVERFLOWING, NO CHANGE. FRONT YARD PONDING WITH SEWAGE. NO CLEAN UP OCCURRED. COMPLAINT CALLS REECE WILLIAMS ALL THE TIME. COMPLAINANT SAYS MEETZE PLUMBING CAME OUT AND LOOKED AT MAIN LINE TWO OR THREE WEEKS AGO. NOT SURE WHAT WAS DONE TO LINE.

Date: 12/17/2002 Time: 10:44:47 Created by: Tracey Wilkes (Significant)
12/13/02, FRIDAY, TRACEY WILKES CALLED AND LEFT A VOICE MAIL MESSAGE ON MR. WILLIAMS CELL PHONE OF THE PROBLEM CONTINUING AT 305 S. HALL RD VERFIED BY STEVE WALL. MAINLINE NOT BACKING UP AT THE TIME AT 305 S HALL RD, HOWEVER, 312 S. HALL RD THE MAIN LINE IS BLOCKED. THE DISTRICT THINKS 305 IS BACKING UP WHEN FLOWS ARE HEAVY IN MORNINGS AND AFTERNOONS. ASKED THAT REECE RETURN OUR CALL ASAP.

Date: 12/17/2002 Time: 10:47:15 Created by: Tracey Wilkes (Significant)
12/13/02, FRIDAY, REECE WILLIAMS CALLED LARRY BOLAND AND TOLD HIM HE HAD PEOPLE WORKING ON THE PROBLEM. LARRY ASKED THAT HE CORRECT THE PROBLEM IMMEDIATELY AND CALL HIM ON 12/16/02 WITH WHAT WAS DONE TO CORRECT THE PROBLEM. THE DISTRICT HAS NOT RECEIVED A PHONE CALL. EMAILED ANASTASIA HUNTER SHAW AND ROBIN FOY OF OUR PROBLEMS WITH MR. WILLIAMS. 12/16/02 TRACEY WILKES CALLED MEETZE PLUMBING TO SEE WHEN THEY RESPONDED TO THE PROBLEM. JOANN STATED THAT THEY WERE OUT AT 305 S. HALL RD ON 11/27/02 AND UNSTOPPED MAIN LINE, GREASE. NO CLEAN UP AT A RESIDENT'S HOME THAT SHE KNEW OF. 12/17/02 TRACEY WILKES CONTACTED COMPLAINANT WHO SAYS THE CLEANOUT IS STILL OVERFLOWING. A CERTIFIED LETTER IS BEING MAILED TO MR. WILLIAMS ON TODAY REQUESTING HIS CORRECTIVE ACTIONS AND MAINTENANCE RECORDS.

Tasks

Complaint Inspections(Inspection) Status: Complete Started: 12/17/02 Completed: 12/17/02 Results: Complete



South Carolina Department of Health
and Environmental Control

**Environmental Quality Control
Incident Report
Incident No.: 200204710**

County: Lexington District: Central Midlands District Log No.: 1102

Incident Type: Pollution Sub Type: Sewer Incident Status: Open
Created: 11/07/2002 by Lisa M Jackson Updated: 11/07/2002 by Lisa M Jackson
Caller: Sprinkle Lykes
305 - 205 Southall Rd
West Columbia SC
Callback: 791-9342

Description of incident: Complainant called to report sewage backing up into his house and yard. The caller lives in Lloydwood S/D @ 205 Southall Road, Piney Groove Utilities is the sewer service in that area. The caller said that he had a plumber to come out and found nothing that he could do to stop this overflow. Please call the complainant, he would like to meet with you when you come out.

Potential Responsible Party:

Observed:

Occurred:

DHEC Notified: 11/07/2002 16:05:17 via Phone

Assigned to: Steve K Wall

48 Hour Goal Met? N 5 day goal met? N CBEP? N
Closure comments:

Signature: _____

Date: _____

Called complainant 11-7-02 @ 1620
talked w/ comp. 11-8-02 @ 1500
between 302 + 304 Southall
main line not flowing well
lots of debris.
310 + 312 Southall
M/L is blocked

Lloydwood S/D

Sprinkle Lykes

305 Southall Rd.

Complainant # 1

(H) 791-9342

On Southall Rd. Main Line was blocked on
11.8.02

At the manhole @ between 302 + 304 Southall Rd.
mainline was not flowing well - Lots of debris

At the manhole between 310 + 312 Southall Rd.
mainline was blocked.

Bobby Jowers

312 Hadley Hall Rd.

Complainant # 2

(B) 551-6311

Manhole overflowing @ 310 Hadley Hall Rd.

Started overflowing on 11.12.02

Still overflowing on 11.13.02

Lisa M. Jackson - Mr. Lykes 791-9342 or # 414-3402

From: Kathy Wilson
 To: Jackson, Lisa M.
 Date: 12/12/02 4:36PM
 Caller: Mr. Lykes
 Phone: 791-9342 or cell # 414-3402

☐ Telephoned
☐ Will call again
☐ Wants to see you
☐ Urgent

☐ Please call
☐ Returned your call
☐ Came to see you

Lisa, wasn't sure who to send this to. I'll let you forward it to the right person. He as sewage in his front yard. He has company coming for the holidays and this has to be taken care of. His address is 305 So. Hall Rd. West Columbia

12/13/02 Called Mr. Lykes - plumber says that backup is due to main line and service line connection.

Mr. Lykes spoke w/ Mr. Williams three weeks ago. Send someone out and said it was on Pacey Grove side. (MPC) Metts Plumbing wanted approval. But never came back. Mr. Lykes used Knights plumbing.

12/13/02 @ 11:00 Called Russ Williams and left a message for him to call in reference to main line backup. Stew Wall responded to the call on 12/13/02 (370) This has been an on going situation.

12/13/02 @ 1320 Stew Wall reported that at 3125 Hall Mainline main line is backing up and 305 Clear out was overflowing.

12/16/02 called 305 Clean up never down. Grease blockage. Mettze 1/27/02 305 S. Hall St. unstopped main line.

Backlog up 2mo. ago.
 Begun two before 10/28/02

Jul-19-05 10:13am From-SCDHEC Central Midlands District

8038960617

T-399 P 006/013 F-613

Page 1

Trace Vilkes - LLOYDSWOOD S/D

From: Larry Boland
To: TRACEY
Date: 12/16/02 7:31AM
Subject: LLOYDSWOOD S/D

MR. WILLIAMS CALLED ABOUT 1540. STATED HE WOULD HAVE 305 S. HALL CHECKED OUT..HE IS TO LET US KNOW MON. 12/16 WHAT WAS FOUND.



South Carolina Department of Health
and Environmental Control

**Environmental Quality Control
Incident Report
Incident No.: 200204877**

County: Richland District: Central Midlands District Log No.: 1104

Incident Type: Pollution Sub Type: Sewer Incident Status: Closed
Created: 11/21/2002 by Lisa M Jackson-Epps Updated: 06/24/2003 by Tracey Wilkes
Caller: Sprinkle Lykes
305 Southall Rd
West Columbia SC
Callback: 791-9342

Description of incident: Complainant called to report sewage in front yard 305 S. Hall Rd at
Lloydwood S/D.

Documents attached:

Potential Responsible Party:

Observed:

Occurred:

DHEC Notified: 12/17/2002 10:25:50 via Phone

Assigned to: Tracey Wilkes

Verified: 11/21/2002

48 Hour Goal Met? Y 5 day goal met? Y CBEP? N

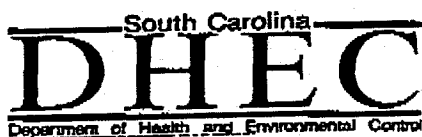
Closure comments: CONTACTED MR. REECE WILLIAMS ABOUT THE BACKUP AND LEFT
A VOICE MAIL MESSAGE OF THE ADDRESS. REQUESTED THAT HE CALL THE DISTRICT
OFFICE. SEE EFIS 200204710, ON GOING PROBLEM.

Signature: _____

Date: _____

May 11, 2005 (w)

Incident 200204877



Environmental Quality Control
Central Midlands District

To: FILE

Date:

12/17/2002

System Name:

LEDYWOOD S/D

Water/Wastewater/Pool Spa - Permit/System #:

Location:

305 SOUTHWALL → 312 SOUTHWALL

County:

LEXINGTON

Present at Inspection:

Sanya C. Johnson - DHEC

FIELD INSPECTION REPORT

- SITE INSPECTION ON TUESDAY, DEC. 17, 2002 - FOLLOW-UP TO COMPLAINT. 305 SOUTHWALL, CLEAN-OUT CAP NOT IN PLACE, PAPERS, SOLIDS + LIQUID FLOWING OUT AT THE TIME. - (1ST PICTURE ATTACHED)
- 2ND PICTURE ATTACHED, REMNANTS OF WASTEWATER FLOWING FROM CLEAN OUT EXTENDS APPROX 15 FEET FROM HOUSE TOWARDS DRIVEWAY + ROAD.
- 3RD + 4TH PICTURE ATTACHED, MANHOLE AT 312 SOUTHWALL, LIQUID NOT FLOWING - SOLIDS PRESENT - LIQUID ONLY IN INVERT (BOTTOM OF MANHOLE - TRENCH FLOW).
- CHECKED MANHOLE AT 304 SOUTHWALL ACROSS FROM 305, FEW LIQUID AT ~~APPROX~~ ^{CURRENT} OPERATING LEVELS.
- OBSERVED DISCARDED RUBBER LATEX GLOVES AT BOTH MANHOLES.

SIGNED:

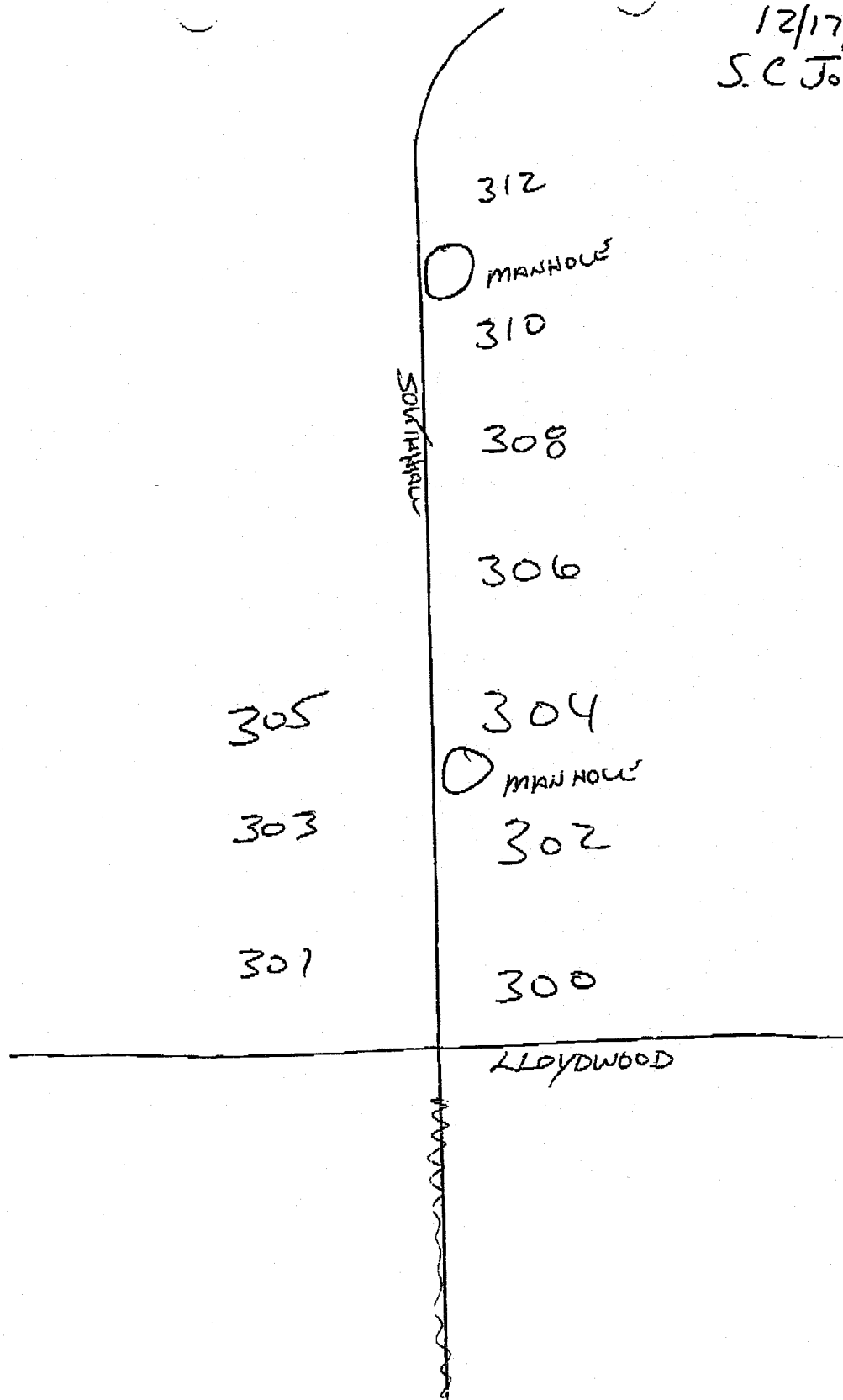
Sanya C. Johnson

Jul-19-05 10:14am From-SCDHEC Central Midlands District

8038960617

T-398 P 009/013 F-613

12/17/2002
S. C. JOHNSON



Jul-19-05

10:14am

From-SCDHEC Central Midlands District

8038960617

T-399

P 010/013

F-613

**CENTRAL MIDLANDS EQC DISTRICT**

PO Box 156, Building #5

State Park, SC 29147

(803) 896-0620 Fax (803) 896-0617

Certified Mail-Returned Receipt Requested - Article #7001-0320-0002-7496-1457

January 17, 2002

Mr. Reece Williams
Piney Grove Utilities
#2 Fifth Avenue
Charleston, SC 29403

Re: South Hall Road - Lloydwood S/D
NPDES Permit# SC0031402 - Lexington County

Dear Mr. Williams:

The Department has received several phone calls in the past couple of months concerning sewer backing up in the Lloydwood Subdivision.

On November 7, 2002 a complaint was called in from 305 South Hall Road concerning sewage backing up into home and in their yard. On November 8, 2002 a SCDHEC representative followed up on the complaint and noted that the main line between 302 and 304 South Hall Road was not flowing well and a lot of debris was noticed in the line. It was also confirmed that the main line at 310 and 312 South Hall Road was definitely blocked. As a result of these findings, a couple of phone calls were made to you and messages were left on your cell phone voice mail requesting that you contact the District office concerning our findings and what corrective action plan you were taking to correct the problem. We received no response.

On November 21, 2002 the Department received a complaint from 305 South Hall Road concerning sewage still overflowing in their yard and there had been no clean up of the sewer. The Department left another message on your cell phone voice mail concerning the complaint. No response was received of your corrective actions taken to eliminate the problem.

On December 12, 2002 the Department received a complaint from 305 South Hall Road concerning sewage continuing to overflowing in their front yard and they are having company over for the holidays. The Department confirmed that the main line between 305 and 312 is still backing up, especially in a manhole located at 312 South Hall Road. This information was left on your cell phone voice mail at 11:00am on Friday, December 13, 2002. Mr. Larry Boland received your return phone call on the same day at 3:40. Mr. Boland discussed with you the overflow and the location of the backup. You were then requested by him to contact us back on Monday, December 16, 2002 with your findings and what corrective actions you took to correct the problem. As of today, Tuesday, December 17, 2002 at 9:00 am, the District has not received a call from you, 305 South Hall Road still has sewer overflowing from their cleanout flooding their front yard.

Jul-19-05 10:14am From-SCDHEC Central Midlands District

8038960617

T-399 P.011/013 F-613

Page 2

Mr. Reece Williams

December 17, 2002

Please be reminded, that Sewer Overflows are violations of the South Carolina Pollution Control Act, S.C. Code Ann. 48-1-90(a) (Supp. 1997), your NPDES/ND permit, and the Federal Water Pollution Control Act (Clean Water Act), 33 U.S.C.A. 1342 (Supp. 1997).

Therefore, the District office is requesting immediate corrective actions (within 24 hours of receiving this letter) as follows: Remove the blockage in the main line to relieve the overflows at 305 South Hall Road, immediately clean up (vacuum) the sewage, which is ponding in the front yard of 305 South Hall Road and distribute lime on the affected areas at 305 South Hall Road.

Also, please provide the District office (via fax or mail) within 5 days from receiving this letter, documentation and/or bills from the last six months indicating where (location) maintenance and/or corrective maintenance has been performed on the Lloydwood Subdivision's collection system and provide the District with a 24 hour emergency telephone number where we can reach you personally, instead of leaving voice mail messages.

Should you have any questions, you may contact me or Larry Boland at (803) 896-0620.

Sincerely,



D. Tracey Wilkes
Central Midlands EQC District

cc: Larry Boland, CM EQC District Office
Robin Foy, Wastewater Enforcement
Anastasia Hunter-Shaw, Wastewater Enforcement
Glenn Trofatter, Compliance Assurance

SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY	
<ul style="list-style-type: none">Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.Print your name and address on the reverse so that we can return the card to you.Attach this card to the back of the mailpiece, or on the front if space permits.		<p>A. Received by (Please Print Clearly) <i>AS</i> B. Date of Delivery <i>12/19</i></p> <p>Signature <i>[Signature]</i></p> <p><input checked="" type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p><input type="checkbox"/> Is delivery address different from item 1? <input type="checkbox"/> Yes</p> <p>If YES, enter delivery address below: <input type="checkbox"/> No</p> <p><i>305 S Hall Rd.</i></p>	
1. Article Addressed to: <i>Mr. Reece Williams Piney Grove Utilities #2 Fifth Avenue Charleston, SC 29403</i>		3. Service Type <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.	
2. Article Number (Copy from service label) <i>7001 0320 0002 7496 1457</i>		4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes	

PS Form 3811, July 1999 Domestic Return Receipt 102585-00-M-0952

Piney Grove Utilities, Inc.

PO 22023
Charleston, SC 29413

December 20, 2002

By FAX

Re: Lloydwood Subdivision

Dear Stacey Wilkes,

Please accept this letter as part of my effort to keep you informed of complaints you are getting in the above subdivision. I do get complaints delivered to the company and have to manage them according to the specific circumstances.

Most circumstances reported to your office and you get involved in are well after a problem has started. You and the complainant and your representative have seen what is its result, usually sewage in this instance.

Of course it only helps that the two reach the conclusion it is not their fault and neither has the ability to do anything about it.

Experiences seen over and over again when dealing with distribution and collection complaints demonstrate that first you go back to the above. I try not manage the problems but manage a solution, which is simple; get it fixed.

Sewerage rarely just stops compared to a water line bursting. Customers introduce slowly, wastes. Sometimes what that is can be determined if you want to see it. Customers who are experiencing slowing or clogging of wastewater discharges at home are advised to check their plumbing and service lines. The inspection check must be reasonably and responsibly made.

In instances when a customer relays a report or complaint it is typically in addition to other information already known. Inspections which result in careless and sometimes dangerous procedure only complicate again the complaint. Neighborhood plumbers, relatives, boyfriends, and yes me and a few other in the business arm chair inspectors. Opening manholes, cleanout caps, continuous use of inside plumbing, introduction of rootkill among many others certainly makes the complaint interesting.

When there are several complaints along one collection line and they are reasonably reported it is dealt with and fixed by the company, usually cleaning main lines and customer services.

The circumstances specifically reported in your letter represent only a few in the several months which I have managed to fix. Incidentally your addresses are confusing as that if one service is blocked for instance and there is sewerage still flowing in the main, the sewage in the yard is coming from inside that residence. Also, as I reported to your office the manhole stopped was on the next street over. Somewhat of a wild goose chase. Please understand that we get a lot of information. Since your inspector or representative may not specifically know the system we respect the fact of what was seen. The clog at 305 South Hall was in the customers service line.

12/23/02
Faxed: P. Foy
A. Hunter

Jul-19-05 10:15am From-SCDHEC Central Midlands District
Dec 20 02 02:57P REECE WILLIAMS

8038960617

T-399

P 013/013

F-613

I have spoken many times with people at your office and they seemed satisfied that the complaints were being handled and no one made a request. I have also asked more than once if my responsibilities or theirs required your personal approval. No one seem to think so.

Please thank everyone in your office for their help in these matters and anyone should feel free to contact me, even if it is after 4 PM Monday thru Friday.

Sincerely,



Reece Williams
General Manager



South Carolina Department of Health
and Environmental Control

**Environmental Quality Control
Incident Report
Incident No.: 200205251**

County: Lexington **District:** Central Midlands **District Log No.:**

Incident Type: Pollution **Sub Type:** Sewer **Incident Status:** Closed
Created: 12/31/2002 by Lisa M Jackson-Epps **Updated:** 06/24/2003 by Tracey Wilkes
Caller: [REDACTED]

305 Southall Rd
West Columbia SC
Callback: 791-9342

Description of incident: Complainant who lives in LLOYDWOOD S/D (305 South Hall Road) has his front yard backed up with sewer once again. Complainant stated that he had not called Reese Williams but will do so after hanging up the phone. Caller called back to say that he couldn't get in touch with Reese Williams.

Documents attached:

Potential Responsible Party: Palmetto Utilities
Richland And Lexington

Observed:

Occurred:

DHEC Notified: 12/31/2002 13:49:18 via Phone

Assigned to:

Verified: 12/31/2002

48 Hour Goal Met? Y **5 day goal met?** Y **CBEP?** N

Closure comments: see efis 200204710 - on going and reoccurring problem.

Signature: _____

Date: _____



South Carolina Department of Health
and Environmental Control

**Environmental Quality Control
Incident Report
Incident No.: 200301314**

County: Lexington **District:** Central Midlands **District Log No.:** 0411

Incident Type: Pollution **Sub Type:** Sewer **Incident Status:** Closed
Created: 04/22/2003 by Lisa M Jackson-Epps **Updated:** 05/19/2003 by George Mundy
Caller: James Johnson
313 Hadley Hall Rd
West Columbia SC
Callback: 791-0341

Description of incident: Complainant called to report his yard is flooded for several days now with sewage, toilet tissue, and standing water....The caller lives in Lloydwood S/D and his sewage provider is Reese Williams...caller stated that he called a plumber that came out and told him the problem is not part of his service line but the line that Reese Williams is in charge of....The caller talked with Williams on several occasion and he told him that he will only fix the problem if he would share the cost with him...caller states that he will call back in a couple of days.....

Documents attached:

Potential Responsible Party: Piney Grove Utilities

Observed:

Occurred:

DHEC Notified: 04/22/2003 09:34:36 via Phone

Assigned to: George Mundy

Verified: 04/23/2003

48 Hour Goal Met? Y **5 day goal met?** N **CBEP?** N

Closure comments: 4-23-03 @ 0850 witnessed solids around cleanout and standing water in and around cleanout. Manhole below complainants address was flowing and did not appear to have been backed up. Was unable to locate manhole above the home. Complainant stated that Knights Plumbing had been out 5 times to his house to try to fix the problem, but problem was in the mainline. Talked to Reese Williams @ 1125 on 4-23-03 He claims that it is the homeowners problem, but called MPC to go out yesterday and again today - says he will provide copies of both work orders. Called complainant at 1415 and he has not seen anyone yet. Complainant called at 1525 to report that MPC came out and jet-rodded the line, problem seemed to be resolved. Complainant said he would call back if problem reoccured.

4-28 03 @ 0815 Complainant called to report sewage backing up again, and stated that other community residents were experiencing problems also.

4-29-03 See Notes

Signature: _____

Date: _____

Site information

Address: 313 Hadley Hall Rd
County: Lexington **District:** Central Midlands
Directions:
Land Owner:
PCS City:
Community:
Lab District:
Waterbody:
River Basin:
Water Class:
Watershed:
Stream seg:
USGS Hydrologic Unit:

Notes

Date: 04/29/2003 Time: 15:38:51 Created by: George Mundy
 Larry Boland spoke with complainant and requested that he provide copies of work orders from Knights Plumbing, detailing what work was done and the cause of the problem.

Date: 04/29/2003 Time: 15:42:14 Created by: George Mundy
 Tracey Wilkes left message on Mr. Williams voicemail that backups are occurring again and Knights Plumbing located the blockage at the tap of the service connection and the mainline. She asked that Mr. Williams submit a copy of the MPC work order and requested that he have the tap renewed.

Date: 05/19/2003 Time: 14:54:51 Created by: George Mundy
 5-1-03 @ 1330 Tracey Wilkes completed certified letter and mailed to Reece Williams.

Date: 05/19/2003 Time: 14:58:19 Created by: George Mundy
 5-5-03 Complainant called and spoke with Boland. Said he watched MPC video line and roots were in the tap.
 Mr. Williams phoned and spoke with Boland. He recieved the certified letter and will have the tap replaced within the next few days.
 Spoke with Complainant @ 1540 and told him to expect the line to be repaired in the next few days. Asked complainant to phone us and let us know when work is complete.

Date: 05/19/2003 Time: 15:03:59 Created by: George Mundy
 5-13-03 @ 1243 Complainant called to inform us that the tap has been replaced.

Tasks

Complaint Inspections(Inspection) Status: Complete Started: 04/23/03 Completed: 04/23/03 Results: Complete

Copy
Jim Card
Rec'd

Certified Mail-Returned Receipt Requested – Article #7099-3400-0003-6617-9891

May 1, 2003

Mr. Reece Williams
Piney Grove Utilities
#2 Fifth Avenue
Charleston, SC 29403

Re: 313 Hadley Hall Rd. – Lloydwood S/D
NPDES Permit# SC0031402 – Lexington County

Dear Mr. Williams:

The Department has received several complaint calls since April 22, 2003 concerning sewer backing up into the above resident's home due to a problem with Piney Grove Utility's sewer line.

The complainant reported that they had made several phone calls to you reporting the problem at their home. The Department has spoken to you a couple of times pertaining to this location. The latest call to you was made on Monday, April 28, 2003 at approximately 10:00 am notifying you of the reoccurring problem after MPC was at the above address last week. The complainant had to get a plumber to come out again and located a problem at the Utility's tap. I requested that you have the tap renewed or repaired immediately. As of today, I have not received a response call from you and it is our understanding that no one has gone out to the above address as of 1:00 pm today to correct the problem.

Please be reminded, that Sewer Overflows are violations of the South Carolina Pollution Control Act, S.C. Code Ann. 48-1-90(a) (Supp. 1997), your NPDES/ND permit, and the Federal Water Pollution Control Act (Clean Water Act), 33 U.S.C.A. 1342 (Supp. 1997).

Therefore, the District office is requesting immediate corrective actions (within 24 hours of receiving this letter) as follows: Renew the collection system tap that connects to 313 Hadley Hall service line, remediated all solids located around the complainants cleanout and yard and spread lime in the overflow areas for disinfection purposes.

D. Tracey Wilkes
Central Midlands EQC District

cc: Larry Boland, CM EQC District Office
Robin Foy, Wastewater Enforcement
Anastasia Hunter-Shaw, Wastewater Enforcement
Glenn Trofatter, Compliance Assurance

Letter dated 5-1-03

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

Is your RETURN ADDRESS completed on the reverse side?

3. Article Addressed to:

Reece Williams
Piney Grove Utilities
Lloydwood S/D
#2 Fifth Ave.
Charleston, SC 29403

4a. Article Number

709934000003661798

4b. Service Type

- ☐ Registered ☒ Certified
☐ Express Mail ☐ Insured
☒ Return Receipt for Merchandise ☐ COD

7. Date of Delivery

5-3-03

5. Received By: (Print Name)

D. B. Williams

6. Signature: (Addressee or Agent)

X [Signature]

8. Addressee's Address (Only if requested and fee is paid)

PS Form 3811, December 1994

102595-88-B-0229

Domestic Return Receipt

Thank you for using Return Receipt Service.



South Carolina Department of Health
and Environmental Control

**Environmental Quality Control
Incident Report
Incident No.: 200303749**

County: Lexington **District:** Central Midlands **District Log No.:**

Incident Type: Pollution **Sub Type:** Sewer **Incident Status:** Closed
Created: 09/24/2003 by Bradley W Martin **Updated:** 02/12/2004 by Tracey Wilkes
Caller: Bill Meller
18 Mayligh Ct
Callback: 803-264-3771

Description of incident: There is a sewage backup at the manhole and its coming up into their line. They have had a plumber out there and he checked the main line to see the stop up at the manhole.
Documents attached:

Potential Responsible Party:

Observed:

Occurred:

DHEC Notified: 09/12/2003 14:36:18 via Phone

Assigned to: Bradley W Martin

Verified: 09/15/2003

48 Hour Goal Met? Y **5 day goal met?** Y **CBEP?** N

Closure comments: I called Reece Williams with Piney Grove Utilities and he said he would send someone out for the third time to look at this and it wasn't their problem, but they would fix it anyway. When I checked on it, it had been repaired

Signature: _____

Date: _____



South Carolina Department of Health
and Environmental Control

**Environmental Quality Control
Incident Report**
Incident No.: 200400564

Copy

County: Lexington **District:** Central Midlands **District Log No.:**

Incident Type: Pollution **Sub Type:** Sewer **Incident Status:** Open
Created: 02/09/2004 by Tracey Wilkes **Updated:** 02/09/2004 by Tracey Wilkes
Caller: Anonymous, Lloydwood Subdivision

Description of incident: Observed by a DHEC personnel....manhole overflowing @ 335 Creighton Dr and running down road into stormdrain in front of 337 Creighton Dr.

Documents attached:

Potential Responsible Party: Piney Grove Util Lloydwood SD
1500 Lady St
Columbia SC 29201
Phone: 803-799-9700

Observed: 01/13/2004 1230

Occurred: Duration: 2 hrs

DHEC Notified: 01/13/2004 1230 via Phone Bradley W Martin

Assigned to: Bradley W Martin

Verified: 01/13/2004

48 Hour Goal Met? Y **5 day goal met?** Y **CBEP?** N

Closure comments: Brad Martin, District Personnel contacted Piney Grove Utilities/ Mr. Reece Williams on 01/13/04 @ 1430 about raw sewage overflowing out of a manhole at the above address and entering a storm drain. It was requested that the line be unclogged, overflow cleaned up including vacuuming storm drain. Jay Mundy, District personnel followed up on 01/14/04 @ 1140, manhole not overflowing and area around the manhole has been limed. Mr. Williams was also requested by Brad Martin to submit a SSO report via message left on his voice mail a day or two after the overflow event. However, as of 02/09/04, the District has not received an SSO report for the address above on the overflow date.

Signature: _____

Date:

1-13-04 @ 1230

manhole overflow @ 335 Creighton Dr.
1/2 water running down road into storm-
drain in front of 337 Creighton Dr.

1. I left a message @ both numbers on 1-13-04
@ 1430

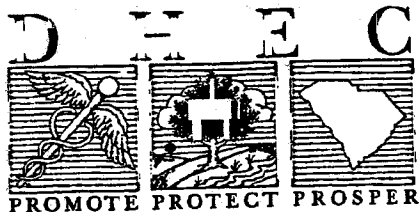
1-14-04 @ 1140

Manhole not overflowing & area around
the manhole has been lined.

Close & enter in ejs

Piney Grove
Reece Williams
(803) 606-9224
(843) 200-4876

manhole @ 335 Creighton Dr.
entering storm drain @ 337 Creighton Dr.
1-13-04 @ 1650



South Carolina Department of Health
and Environmental Control

Overflow

Page 1

Environmental Quality Control
Incident Report
Incident No.: 200400599

County: Lexington District: Central Midlands District Log No.:

Incident Type: Pollution Sub Type: Sewer Incident Status: Open
Created: 02/10/2004 by Tracey Wilkes Updated: 02/10/2004 by Tracey Wilkes
Caller: Linda Melton
414 Old Plantation Dr
Lloydwood Subdivision
West Columbia SC
Callback: 935-6088

Description of incident: clean out overflowing
Documents attached:

Potential Responsible Party: Piney Grove Util Lloydwood SD
1500 Lady St
Columbia SC 29201
Phone: 803-799-9700

Observed:
Occurred:
DHEC Notified: 01/19/2004 via Phone Willa Salley
Assigned to: George Mundy
Verified: 01/30/2004
48 Hour Goal Met? Y 5 day goal met? N CBEP? N
Closure comments: still pending...see comments

Signature: _____

Date: _____

Notes

Date: 02/10/2004 Time: 10:48:01 Created by: Tracey Wilkes (Significant)

On 01/19/04 the District received a call from Mr. Reece Williams, Piney Grove Utilities about him receiving a complaint from 414 Old Plantation Dr. of clean out backing up. Wanted to know if we had heard from complainant. At this time, we had not. Mr. Williams assured me that the problem was being taken care of and he is responding for the 4th time. He is going to camera the line. Complainant has called PSC about the overflow. He stated that there were two cleanouts, one at the house and one at the driveway and they had bad bends in them. I asked that he keep us informed on the progress.

Date: 02/10/2004 Time: 10:51:54 Created by: Tracey Wilkes (Significant)

On 01/20/04 @ 0834am, the District received a call from Complainant reporting that at 414 Old Plantation Dr. there is raw sewage coming up in the yard. It was said that Piney Grove Utilities is doing nothing about the problem. Tracey Wilkes, SCDHEC called Complainant to inform them that we had heard from the Utility and that the Utility Owner was planning to have the line video taped, however, there was no answer.

Date: 02/10/2004 Time: 10:55:16 Created by: Tracey Wilkes (Significant)

On 01/20/04 12:10 Tracey Wilkes called Mr. Williams numbers and left a message for him to return the call in reference to 414 Old Plantation Dr. overflowing cleanout and what corrective actions were being taken. 01/20/04 @ 12:20, Mr. Williams returned my call, stating that he is going to order the line to be camera, especially after responding to this four times and he didn't know what the problem was but, they would unstop the line. I requested that he keep us informed. I offered to have a DHEC representative to meet him out there. He wasn't sure what time he will have someone out there today.

Date: 02/10/2004 Time: 11:41:26 Created by: Tracey Wilkes (Significant)

On 01/29/04 by 8:30am, Mr. Williams called Tracey Wilkes to inform her that it was a problem with the service lines. Has a workorder, they did TV the lines. Roots were the problem, Mr. Williams says that Ms. Melton's husband is aware of the roots. Mr. Williams stated that Old Plantation and Creighton Dr were running but slow and he knew he had some major problems. They jetted 414 Old Plantation Dr. line and cleared homeowners line too. I asked that he contact Anastasia Hunter-Shaw about the problems. Today at 1500, I spoke with Complainant how says that no one has been to the location since last Friday, 1/23/04, debris all in the yard. They want to know what is going on, Mr. Williams told her it was fixed, that there was somewhere down the line grease and roots. The Complainant has had to clean up all the debris in yard. Another overflow occurred on 01/26/04. Complainant has called PSC several times. Complainant states that other neighbors have seen leaks occurring in the street.

Date: 02/10/2004 Time: 11:54:57 Created by: Tracey Wilkes (Significant)

On 01/30/04 @ 1410-1545 Jay Mundy arrived at Lloydwood S/D to followup on complaint. MPC was on Creighton Dr. rodding a line. Mr. Mundy asked if they where there due to overflows at 414 Old Plantation Dr? They responded that they didn't know anything about Old Plantation and Mr. Williams arrived on site and MPC arrived at 414 Old Plantation Dr. MPC rodde the utility's line out at the utility's clean out. Mr. Williams stated they would camera the line. Mr. Mundy left the site. On 2/9/04 @ 8:320am, Complainant called to inform the Department that on Thursday morning, 2/05/04 that

Tracey Wilkes - Re: Linda Melton 935-6088

From: Tracey Wilkes
To: Boland, Larry E.; Salley, Willa
Date: 1/20/2004 12:22 PM
Subject: Re: Linda Melton 935-6088

Copy

12:20 - Calling complainant to let them know that the Utility Owner is planning to TV the line.....However, no answer at the heme. Tracey

>>> Willa Salley 01/20/04 08:34AM >>>

RE: She lives @ 414 Old Plantation Dr. and there is raw sewage coming up in her yard. She says that Piney Grove Utilities is doing nothing about the problem. If you want me to put this in EFIS, just let me know.

Willa D. Salley
Administrative Assistant
Central Midlands EQC District
(803) 896-0620
FAX (803) 896-0617



South Carolina Department of Health
and Environmental Control

Environmental Quality Control
Incident Report
Incident No.: 200400640

County: Lexington District: Central Midlands District Log No.: 04-0210

Incident Type: Pollution Sub Type: Sewer Incident Status: Open
Created: 02/11/2004 by Doris L Harrison Updated: 02/11/2004 by Doris L Harrison
Caller: Tracey Hostilo
17 Mayligh Ct
West Columbia SC 29170
Callback: 803-315-9046

Description of incident: Complanted called said she has a overflow sewage problem in her front yard
@17 Mayligh Court in Lloyd Wood SD in West Cola, Pine Grove Utility Company is who they pay.
Documents attached:

Potential Responsible Party:

Observed:

Occurred:

DHEC Notified: 02/11/2004 3:34 PM via Phone Doris L Harrison

Assigned to: Larry Boland

48 Hour Goal Met? N 5 day goal met? N CBEP? N

Closure comments:

Signature: _____

Date: _____

2/12/04 Returned call - Renting property - Pipe out of
ground. ^{Renter says} overflowing to contact P.G.U. impossible
to contact. 2/11/04 around the same time
DHEC was notified. House built 1997.
Pipe under Master Bedroom. Started flush
toilet slow moving. Occurred yesterday.
2/13 0840 - ~~Called~~ A guy - Gene Low Plumbing a health
haz. Cleanout @ or past the tap. \$49.50 call 45¢ a can
of something
February 11, 2004, (w)
Recommend
Incident 200400640



South Carolina Department of Health
and Environmental Control

**Environmental Quality Control
Incident Report
Incident No.: 200401454**

County: Lexington District: Central Midlands District Log No.: 0403

Incident Type: Pollution Sub Type: Sewer Incident Status: Closed
Created: 04/08/2004 by Lisa M Jackson-Epps Updated: 04/23/2004 by Bradley W Martin
Caller: Anonymous

Description of incident: Complainant called to report a fenced in field thats giving off a bad sewer odor. Property is believed to be owned by Piney Groove Utilities who is in charge of sewage in this area as caller states. Owner was contacted but said that money is a problem in getting it fixed. The field is located beside 425 Ravencroft road in the Lloydwood S/D off of Hwy 321 toward Gaston in Lexington county. Complainant states that the field is covered with raw sewage as deep as 1 ft.... Caller noticed children playing in this field of sewage.... Caller states that this problem have been going on for years.

Documents attached:

Potential Responsible Party: Lloydwood S/D

Observed:

Occurred:

DHEC Notified: 04/08/2004 16 17 15 via Phone Lisa M Jackson-Epps

Assigned to: Bradley W Martin

Verified: 04/09/2004

48 Hour Goal Met? Y 5 day goal met? Y CBEP? N

Closure comments: Myself and Keith Collinsworth rode out to this site and all we found was the sewage lagoon that is in the Lloydwood S/D. The caller didn't leave a callback number so I can't call them to confirm that this is what they are talking about. The complaintant called back and they were talking about the WWTP @ Lloydwood. They said that there was always overflows in the area, the lagoon always smelled septic, and sometimes the overflows weren't taken care of promptly. The complaintant said that they talked to Mr. Williams @ an overflow and he said that there was problems with the lines, but he couldn't repair them unless he was to raise the amount of money that everyone pays for their sewer service. I told them that the plant was under order to either upgrade or tie on and for them to call us anytime they see an overflow or problem of any kind.

Signature: Brad Martin

Date: 4-23-04



South Carolina Department of Health
and Environmental Control

Main File

Environmental Quality Control
Incident Report
Incident No.: 200403376

County: Lexington District: Central Midlands District Log No.:

Incident Type: Pollution Sub Type: Stormwater Incident Status: Closed
Created: 08/20/2004 by Bradley W Martin Updated: 09/01/2004 by Bradley W Martin
Caller: Danna Pagan
Old Plantation Dr
Callback: 803-939-0677

Description of incident: The stormdrains in the area they live always flood and flood their yard. The complainant has called Lex. Co. and nothing has been done, so they went out to clean them on their own. They were cleaning them out themselves and noticed that the stormdrains have a distinct sewer odor.

Documents attached:

Potential Responsible Party: Reece Williams Lloydwood
Phone: 843-200-4876

Observed:

Occurred:

DHEC Notified: 08/17/2004 14:03:57 via Phone

Assigned to: Bradley W Martin

Verified: 08/19/2004

48 Hour Goal Met? Y **5 day goal met?** Y **CBEP?** N

Closure comments: Jay Mundy and myself walked through the woods trying to find a source of the odor, but the only place we find the odor is from the stormdrain pipe itself. The pipe is where the effluent leaves the sewage lagoon at and there is a distinct sewage odor in the effluent. I called Reece and let him know that we were having a complaint, and he said that he would have someone get right on it. I pulled a sample from the stormdrain pipe at the end, before it mixes with the stream and the fecal result came back 3000/100ml. I couldn't find any other signs of sewage getting into the stormdrains during this inspection

Signature: Brad Martin

Date: 9-1-04



South Carolina Department of Health
and Environmental Control

**Environmental Quality Control
Incident Report
Incident No.: 200403527**

County: Lexington **District:** Central Midlands **District Log No.:** 0901

Incident Type: Pollution **Sub Type:** Sewer **Incident Status:** Open
Created: 09/02/2004 by Lisa M Jackson-Epps **Updated:** 09/02/2004 by Lisa M Jackson-Epps
Caller: Dana Pagan
424 Old Plantation Dr
Callback: 939-0677

Description of incident: Complainant called to report sewage on the roadway for two days in Lloydwood S/D. The caller states that the sewage is on Crayton Drive and Piney Groove Utilities handles sewage in that area. Caller stated that she tried to get in touch with Reece Williams but the attempt was unsuccessful.....

Documents attached:

Potential Responsible Party:

Observed:

Occurred:

DHEC Notified: 09/02/2004 11:08:06 via Phone Lisa M Jackson-Epps

Assigned to: Larry Boland

48 Hour Goal Met? N **5 day goal met?** N **CBEP?** N

Closure comments:

Signature: _____

Date:

12:50pm → Called LJM
1:30pm → Called R Williams LJM to return call.

9-2-04 @ 1430

- ① Manhole in front of 335 Creighton Dr. is full & not flowing
- ② Sewage is coming from clean-out downstream in front of 342 Creighton Dr.
- ③ Sewage is running down Creighton Dr. to a stormdrain @ corner of Creighton Dr. & Ravencroft Rd.
- ④ Stormdrain is stopped up so the sewage is running down Ravencroft Rd. to Southall Rd.
- ⑤ Sewage is running down Southall Rd. to stormdrain in front of 337 Southall Rd.
- ⑥ Reece was called by Tracey W..

9-3-04 @ 0815

I called Reece & he hasn't returned my call

- ① Manhole is flowing, overflow @ cleanout has been stopped, lime was applied @ cleanout
- ② No water has been removed & no ~~sewage~~ ^{BWM}
- ③ Sewage is still standing along the road all the way to stormdrain on Southall Rd.



South Carolina Department of Health
and Environmental Control

Environmental Quality Control
Incident Report
Incident No.: 200404956

County: Lexington **District:** Central Midlands **District Log No.:**

Incident Type: Pollution **Sub Type:** Sewer **Incident Status:** Closed
Created: 12/30/2004 by Bradley W Martin **Updated:** 12/30/2004 by Bradley W Martin
Caller: Anonymous

Description of incident: There is sewage coming from a manhole on Creighton Dr. The sewage is running down Creighton Dr. onto Ravenscroft Rd. and onto South Hall Rd. The water is entering a stormdrain on South Hall.

Documents attached:

Potential Responsible Party: Piney Grove Utilities Inc
49 Archdale St
Charleston SC 29401

Observed:

Occurred:

DHEC Notified: 09/10/2004 10:49:08 via Phone Bradley W Martin

Assigned to: Bradley W Martin

Verified: 09/10/2004

48 Hour Goal Met? Y **5 day goal met?** Y **CBEP?** N

Closure comments: I called Reece Williams and left a voicemail message about the problem and told him to get someone right out to take care of the problem. I went back on Sep 13, and the problem had been fixed but the area hadn't been cleaned up or limed. There was some lime applied at manhole and at the stormdrain at the corner of Ravenscroft and Creighton Dr., but nowhere else. I had Reece send people back out and take care of this.

Signature: Bradley W Martin

Date: 12/30/04



South Carolina Department of Health
and Environmental Control

**Environmental Quality Control
Incident Report**
Incident No.: 200404957

County: Lexington District: Central Midlands District Log No.:

Incident Type: Pollution Sub Type: Sewer Incident Status: Closed
Created: 12/30/2004 by Bradley W Martin Updated: 12/30/2004 by Bradley W Martin
Caller: Anonymous

Description of incident: There is sewage coming from the cleanout at the home and the one at the property line at 304 Cooksmount Rd. The owner has had a plumber out and they told him that the problem was down the line at the tap, or in the main line.

Documents attached:

Potential Responsible Party: Piney Grove Utilities Inc
49 Archdale St
Charleston SC 29401

Observed:

Occurred:

DHEC Notified: 11/19/2004 13:04:23 via Phone Bradley W Martin

Assigned to: Bradley W Martin

Verified: 11/19/2004

48 Hour Goal Met? Y **5 day goal met?** Y **CBEP?** N

Closure comments: I went to the site of the problem and found that it was the same site I had been at during the month of October, but I can't find the complaint information from October. The problem was repaired by Biotech after sometime of trying to get in touch with Mr. Williams. Robin Foy had to call Mr. Williams attorney's. The line that causes the problem is running down Mayligh Ct. and it joins to the line running down Cooksmount Rd.

Signature: Brad Martin

Date: 12/30/04

December 30, 2004 (w)

Incident 200404957

EXHIBIT #DTW 24



South Carolina Department of Health
and Environmental Control

**Environmental Quality Control
Incident Report
Incident No.: 200404913**

County: Lexington District: Central Midlands District Log No.:

Incident Type: Pollution **Sub Type:** Sewer **Incident Status:** Closed
Created: 12/28/2004 by Chris Staton **Updated:** 01/19/2005 by Tracey Wilkes
Caller: Sherwood Brooks, Home Owner
310 Cooks Mount Rd
West Columbia SC
Callback: 803-754-7011 Ext 1241

Description of incident: Caller says residential tap is causing sewage overflow at the caller's home. Knights Plumbing has told home owner that Piney Grove Utilities is responsible for correcting this problem. Caller has been calling into a Mr. Williams to try and get this problem addressed. The utility is not being responsive per the caller.

Documents attached:

Potential Responsible Party: Piney Grove Utilities Inc
49 Archdale St
Charleston SC 29401

Observed:

Occurred:

DHEC Notified: 12/27/2004 1035 via Phone Chris Staton

Assigned to: Bradley W Martin

Verified: 12/28/2004

48 Hour Goal Met? Y **5 day goal met?** Y **CBEP?** N

Closure comments: I cannot determine if the problem is on the mainline or on the service line, because I can't find the manhole that is close to the service line tap. The manhole above is flowing, but the manhole downstream approx. 800' is over half blocked with solids. I am working with Piney Grove Utilities to have them TV their part of the line. Mr. Williams stated that it was the property owners line, but utility owner cleaned it out. Plumber stated it was in the utility's line and not the homeowners line.

Signature: Brad Martin

Date: 1/19/05



South Carolina Department of Health
and Environmental Control

**Environmental Quality Control
Incident Report
Incident No.: 200404950**

Page 1

County: Lexington District: Central Midlands District Log No.:

Incident Type: Pollution Sub Type: Sewer Incident Status: Open
Created: 12/30/2004 by Bradley W Martin Updated: 12/30/2004 by Bradley W Martin
Caller: Anonymous

Description of incident: There is a manhole in front of 336 South Hall Dr. in Lloydwood S/D and its overflowing. It has been overflowing for about a week
Documents attached:

Potential Responsible Party: Piney Grove Utilities Inc
49 Archdale St
Charleston SC 29401

Observed:

Occurred:

DHEC Notified: 12/28/2004 10:03:43 via Phone Bradley W Martin

Assigned to: Bradley W Martin

Verified: 12/28/2004

48 Hour Goal Met? Y 5 day goal met? Y CBEP? N

Closure comments: I called and left a voicemail on Reece Williams mobile phone and he returned my call on 12-28-04 @ 1055. Mr. Williams assured me that it was being worked on, and that they had been working on it for several days. I went out on 12-28-04 @ 1440 and there was no sign of anyone working on the manhole. I came back to the office and recalled Mr. Williams and left a message to get out there immediately to repair the line, vacuum the effected part of the creek, the stormdrain and roadside, and lime everything that was contacted by the sewage. I went back out on 12/29/04 @ approx. 1130 and it was still overflowing. I called Reese Williams back and he returned a call to Tracey that he was sending Biotech to the site to fix problem and clean up. I returned on 12/30/04 @ 1040, line was repaired, lime was applied around manhole, but no lime or cleanup along street or in stormdrain. I called Reece back and told him to have them finish the job. He assured to me that they would finish the job.

Signature:

Brad Martin

Date:

1-19-05



BWM
KAC

12/29/04

Battery was dead on camera
I forgot until later to
change date to make it
correct.

Brad Martin





Bradley Martin - Re: Sewer overflow

From: Tracey Wilkes
 To: Boland, Larry E.; Clark, Ann R.; Martin, Bradley; Wisnewski, Brian J.
 Date: 12/28/2004 10:08:39 AM
 Subject: Re: Sewer overflow

This is probably 336 South Hall Rd. There have been problems reported in the past on this road. Brad, please call Reece Williams, Piney Grove Utilities. I will forward this email to Robin Foy. Thanks, Tracey

>>> Brian J. Wisnewski 12/28/2004 10:03:01 AM >>>

Hope you all had/are having a good holiday. Since I didn't know who may be in the office today, I'm sending this to several of you.

I just got a call from a resident in the Lloydwood subdivision in West Columbia off Hwy 321. A manhole has been overflowing behind his house for about a week. He called the sewer provider when he noticed it, Piney Grove Utilities, but it appears no one has responded. The location is 336 South All Rd. in the Lloydwood Subdivision.

Thanks,
 Brian

Taps coming in a 305 Carterhill Dr.
 are almost stopped up again
 (843) 202-4876

Reese called me back 12/28/04 @ 1055
 I told him to send an SSO
 Reese W. said it was being worked on

No sign of being worked on

Mr. Haywood called me 12-28-04 @ 1440
 I returned call but no answer I left message
 I left a message for Reese to get it fixed immediately
 Reese W. called back & spoke w/Tracey W. he has

BioTech going out to fix it.
 12/30/04 @ 1040 - manhole overflow repaired, line around manhole
 but not in curb running down road on in at
 H2O not vacuumed from Road on storm.

I went out with K. Callanworth on 12/27/04 morning. Not
 been done, we took pictures of children playing in
 sewage w/ their toys

main

From: Josh A. Arrants
To: Wilkes, Tracey
Date: 3/31/2005 1:12:05 PM
Subject: Re: Lloydwood Complaint

thanks... it appeared to be connected with the same problem at 238 Lloydwood, according to Eric Steele (Meetz Plumbing). It wasn't much... about the same as the side of the house we looked at yesterday (231 Lloydwood). They vacuumed it up and lined it.

josh

>>> Tracey Wilkes 03/31/05 1:07 PM >>>

Wonderful report! Great job!

What caused the problem at 10 Devaux Drive? Do we know how much?

>>> Josh A. Arrants 03/31/05 11:10 AM >>>

Willie,

In an effort to keep you informed on the progress of the sanitary sewer overflow at 231 Lloydwood Drive, here is a list of events leading to the resolution of this particular complaint.

On Tuesday, March 29, 2005, I received an ERT call concerning an SSO at 231 Lloydwood Drive. The call, which was handled at 8:30 PM, was about a large amount of raw sewage that was overflowing into the lawn, curb and surrounding area of the home at 231 Lloydwood Drive. The caller had attempted to contact Piney Grove Utilities on several occasions over the course of 3 days (Sat., Sun., Mon.) and had only spoken to the local "dispatcher", Marvin. The dispatcher had only instructed them to get a plumber on-site to determine the exact location of the problem in the sewer line, to determine which party would be responsible for correcting the deficiency.

The caller had in fact contacted Knight's Plumbing on 3/26/05, who responded later that day to attempt to either clear the line or determine the location of the problem in the sewer line. Having found that the problem was in the sewer main, Knight's Plumbing informed the homeowner to contact Piney Grove Utilities in order to defer the matter to Piney Grove Utilities for corrective action. Piney Grove Utilities contacted Meetz Plumbing to investigate the matter.

Meetz Plumbing ran a snake down the clean-out pipe on 3/27/05, which subsequently became stuck down the main, roughly 120 feet down the line. Meetz plumbing, unable to remove the snake, cut it and left it in the clean-out pipe and the line. After two days of inactivity, the homeowner contacted DHEC Central Midlands office, via an ERT call, to investigate the problem.

Upon contacting the complainant, the Emergency Responder attempted to contact the dispatcher on four occasions. These four phone calls were placed during the time frame of 8:50 PM - 9:45 PM. The Responder left three messages with the dispatcher, in an effort to get information and a crew working at the location. The dispatcher called the Responder the next morning at 8:45 AM.

Piney Grove Utilities called Meetz Plumbing to complete the project at 231 Lloydwood, after receiving calls from myself, Tracey Wilkes and Larry Boland. Meetz Plumbing agreed to meet Department personnel at 231 Lloydwood, between 3:00 PM and 4:00 PM on 3/30/05. Tracy Wilkes and I showed up at 3:00 PM and spoke to the homeowner and took photographs of the effected area. Mrs. Wilkes and I also walked the street/neighborhood looking for manhole covers. Mrs. Wilkes and I removed three manhole covers (200 Lloydwood, 220 Lloydwood and across from 251 Lloydwood Drive, respectively) in order to check the flow of sewage in various areas along Lloydwood Drive. There appeared to be no obstructions in the flow

at 200 Lloydwood and 220 Lloydwood Drive. There was; however, a significant reduction in flow at the 251 Lloydwood Drive manhole.

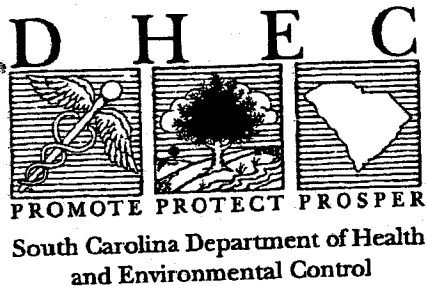
Meetz Plumbing showed up at 5:45 PM, and began work immediately. Eric Steele, with Meetz Plumbing, walked me down the street to 238 Lloydwood Drive. At 238 Lloydwood Drive, there was a very small sinkhole in which Mr. Steele received no resistance with a ground probe. Mr. Steele maneuvered a small track-hoe and began excavation at the sinkhole. Immediately, waste water began filling the hole. It was at this time that Mr. Steele contacted PASCON to bring a vacuum truck to remove the sewage that was back-filling the hole.

After PASCON arrived and began removing the raw sewage from the hole, Mr. Steele found that the problem was an old "hammer tap". This was a home made rigging that involved simply cutting a hole in the main line and hammering the tap connection into the main line, often filling any spaces with items such as caulking, silicon, roofing tar, etc. It was unclear what this tap was sealed with. This "hammer tap" had collapsed and opened a roughly 8 inch hole in the main line.

Meetz plumbing continued work until the connection was repaired and also removed the snake that was still in the line. They also went back to 231 Lloydwood and began liming and clean-up of that location and surrounding affected areas. During clean-up, Mr. Steele called and reported some standing sewage in the yard of 10 Devaux Drive. This area was also cleaned and limed accordingly.

Thanks,

Josh Arrants



**Environmental Quality Control
Incident Report
Incident No.: 200401259**

County: Richland **District:** Central Midlands **District Log No.:**

Incident Type: Pollution **Sub Type:** Sewer **Incident Status:** Closed
Created: 03/25/2004 by Tracey Wilkes **Updated:** 12/28/2004 by Tracey Wilkes
Caller: Tyron Smith
221 Acie Ave
Hopkins SC 29061
Callback: 803-783-7334

Description of incident:

Caller stated that there was some water ponding at the end of Acie Drive that had a bad odor.

Documents attached:

Potential Responsible Party: Piney Grove Utilities Inc
1500 Lady St
Columbia SC 29201
Phone: 803-799-9700

Observed: 03/22/2004

Occurred:

DHEC Notified: 03/19/2004 via Phone Tracey Wilkes

Assigned to: Bradley W Martin

Verified: 03/22/2004

48 Hour Goal Met? Y **5 day goal met?** Y **CBEP?** N

Closure comments: water standing at end of a dead end road appeared to be stormwater with algae and iron bacteria. However, on the other side of a berm of dirt/grass sewer was coming from up under the ground. Vegetation is thick. Not sure if there is a manhole in the location. However, the flow travels about 100-150 feet in the woods towards the wastewater plant. Sewage hasn't entered a body of water but there is a bad odor and grey matter on the ground. 3/25/04 @ 1445 after returning from an O&M inspection at Franklin Park WWTP we called the owner of the utility and informed him of the overflow. Had to leave a message on phone number 606-9224 to return our call in reference to the overflow.

Signature: _____

Date: _____



WASTEWATER TREATMENT PLANT FACILITY EVALUATION INSPECTION REPORT

C. Midlands EQC District
Bldg. # 5, PO Box 156
State Park, SC 29147
803.896.0620
803.896.0617 - Fax

Certified Return Receipt Mail: 7004-2510-0004-0932-1714

NPDES# SC0031402

Outfall: 001

Last Inspection Date: 04/08/05

Facility Name: Piney Grove Util./Lloydwood S/D WWTP

Type of Inspection: 2ndst FEI Followup

Effective Permit Dates: 5/1/94-4/30/99

Mr. Reece Williams
Piney Grove Utilities, Inc.
2 Fifth Avenue
Charleston, SC 29403

(803) 606-9224
(843) 200-4876

Operator of Record: None

County: Lexington

Facility Observations Rating Field Parameters Effluent Results

Permit		pH (SU)	6.59
Records & Reports	Unsat	DO (mg/l)	3.40
Operator's Log	Unsat	Temp. (deg.C)	17.5
Self-Monitoring (Daily)	Unsat	TRC (mg/l)	<0.05
Operator of Record (Req. C-Bio)	Unsat	CL2 in C.C.	0.10
Flow Measurement (90 V-Notch)	Unsat		
Bar Screen (Manual) ()			
Grinder ()			
Grit Removal ()			
Primary Sedimentation ()			
Trickling Filter ()			
Aeration (Cont) (2)	Sat*		
Secondary Sedimentation ()			
Digester () ()			
Ponds (Aerated)(Polishing)	Unsat		
Post Chlorination (150 lb Cylinders)	Unsat		
Dechlorination ()			
Sludge Handling ()			
Final Filters ()			
Spray/Tile Field	Unsat		
Housekeeping			
Sludge Disposal ()	Unsat		
Influent Pumpstation			

*Note if observations are satisfactory or unsatisfactory.

Weather: Fair/Rain

Effluent Appearance: Gray, Cloudy, Very strong smell of Sulfur (rotten egg odor)

Remarks / Comments / Recommendations:

Permit has expired - Permittee is under an Administrative Order #02-268-W. Project being handled by Legal.

It is being recommended that a sludge profile be performed on the lagoons due to the build up of solids noticed around the aerated lagoon. If the sludge is excessive, it is being recommended that the sludge be removed by an approved method from the Department. There are solids leaving the Aerated lagoon through the contact chamber and going to the polishing pond. There is a heavy mat of duckweed on the polishing pond that needs to be physically removed. Odors are still present but much worse. Weather is getting warmer. I pulled a DO reading in the Polishing pond at the effluent pipe of the lagoon and I got a DO reading of 0.30 mg/L @ 17.5 degrees. The aerator that is nearest to the influent pipe of the lagoon is becoming stopped up with solids so it isn't running properly.

The vegetation around the lagoon is extremely high and must be cut. Vegetation on the fence line must be cut back. Large broken tree limbs are partially hanging over the driveway around the facility's fence line, which is a safety hazard for Operators and DHEC Personnel. Tree limbs must be cut and removed and fence areas repaired.

EXHIBIT #DTW 29

Wood Subdivision
8/05

No Cl2 on site. No disinfection. However, there is a chlorine residual possibly coming from the makeup water provided by the city that is used to feed the chlorination equipment.

The free boards of the ponds are eroding and the vegetation is heavy. This will compromise the integrity of the dikes and must be repaired.

The effluent was gray in color, cloudy and odorous.

No records on site of daily inspections since March 1, 2005 when contract operator resigned. No appropriate grade operator inspecting the facility on a daily basis as required by the permit.

Unknown if effluent grab and composite samples are being collected and analyzed.

The flow chart has been taken off of the device. Flows are not being recorded.

Influent pumpstation has an abundance of floating debris and grease built up in the wetwell.

The Department is requesting a corrective action plan in writing by April 13, 2005 on deficiencies noted during this inspection and in the March 22, 2005 inspection. The Plan can be faxed or mailed to the District Office. Fax No. (803) 896-0617. Mailing address is P.O. Box 156, State Park, SC 29147.

NO WRITTEN RESPONSE RECEIVED FOR 02/04/04 INSPECTION AS REQUESTED.
NO WRITTEN RESPONSE RECEIVED FOR 04/29/04 INSPECTION AS REQUESTED.
NO WRITTEN RESPONSE RECEIVED FOR 03/22/05 INSPECTION AS REQUESTED.

Unsatisfactory
Overall Rating

04/08/05
Date: (mm/dd/yy)

1020
Military Time

None
Operator w/ Evaluator

Brad Martin
DHEC Field Evaluator

Reviewed By

cc: Louis Lang, Callison Tighe & Robinson, LLC
Lee Proctor, Enforcement
Robin Foy, Enforcement
Matthew Penn, Legal

This inspection was made to determine the operating condition of the facility, and is not to be interpreted that adequate treatment is being provided



WASTEWATER TREATMENT PLANT FACILITY EVALUATION INSPECTION REPORT

C. Midlands EQC District
Bldg. # 5, PO Box 156
State Park, SC 29147
803.896.0620
803.896.0617 - Fax

Certified Return Receipt Mail: 7004-2510-0004-0932-1714

NPDES# SC0031402 Outfall: 001 Last Inspection Date: 03/22/05
Facility Name: Piney Grove Util./Lloydwood S/D WWTP Type of Inspection: 1st FEI Followup
Effective Permit Dates: 5/1/94-4/30/99
Mr. Reece Williams
Piney Grove Utilities, Inc.
2 Fifth Avenue
Charleston, SC 29403 (803) 606-9224 Operator of Record: None
(843) 200-4876
County: Lexington

Facility Observations	Rating	Field Parameters	Effluent Results
Permit		pH (SU)	
Records & Reports		DO (mg/l)	
Operator's Log		Temp. (deg.C)	
Self-Monitoring (Daily)		TRC (mg/l)	
Operator of Record (Req. C-Bio)		CL2 in C.C.	
Flow Measurement (90 V-Notch)			
Bar Screen (Manual) ()			
Grinder ()			
Grit Removal ()			
Primary Sedimentation ()			
Trickling Filter ()			
Aeration (Cont) (2)			
Secondary Sedimentation ()			
Digester () ()			
Ponds (Aerated)(Polishing)			
Post Chlorination (150 lb Cylinders)			
Dechlorination ()			
Sludge Handling ()			
Final Filters ()			
Spray/Tile Field			
Housekeeping			
Sludge Disposal ()			
Influent Pumpstation			

*Note if observations are satisfactory or unsatisfactory.

Weather: Fair/Rain
Effluent Appearance: Gray, Cloudy, Very strong smell of Sulfur (rotten egg odor)

Remarks / Comments / Recommendations:

Fecal coliform result for this day is 30,000 colonies/100 ml. The permit limit is 400 colonies/100 ml per day.
The Lock has been changed on the gate.

While at the site, Lee Proctor, SCDHEC Enforcement Section was contacted and asked to contact Mark Wrigley, who we were told is the operator and request that we be given access to the facility for an inspection today. Mr. Wrigley indicated to Mr. Proctor that he only changed the locks for the permittee (Mr. Williams) and that a contract for operations has not been signed. Mr. Wrigley indicated the he could not meet us today to unlock facility but was available tomorrow, April 8, 2005. The District office is requesting a key to the facility for routine inspections.

The facility is discharging to a ditch (outfall 001) before mixing with the receiving stream. Odors are very strong off site of the facility and the ditch is lined with white and gray matter. This ditch is surrounded by families with children. Permit has expired - Permittee is under an Administrative Order #02-268-W. Project being handled by SCDHEC Legal staff.

EXHIBIT #DTW 30

The Department is requesting a corrective action plan in writing by April 13, 2005 on deficiencies noted during this inspection and in the March 22, 2005 inspection. The Plan can be faxed or mailed to the District Office. Fax No. (803) 896-0617. Mailing address is P.O. Box 156, State Park, SC 29147.

This inspection is being rated unsatisfactory due to very strong odors at the discharge point, the condition of the receiving ditch and denial of entry, key holder not available on this day.

NO WRITTEN RESPONSE RECEIVED FOR 02/04/04 INSPECTION AS REQUESTED.
NO WRITTEN RESPONSE RECEIVED FOR 04/29/04 INSPECTION AS REQUESTED.
NO WRITTEN RESPONSE RECEIVED FOR 03/22/05 INSPECTION AS REQUESTED.

Unsatisfactory
Overall Rating

04/07/05
Date: (mm/dd/yy)

0945-1215
Military Time

None
Operator w/ Evaluator

Tracey Wilkes
DHEC Field Evaluator

Reviewed By

cc: Louis Lang, Callison Tighe & Robinson, LLC
Lee Proctor, Enforcement
Robin Foy, Enforcement
Matthew Penn, Legal

This inspection was made to determine the operating condition of the facility, and is not to be interpreted that adequate treatment is being provided.



**South Carolina Department of Health and Environmental Control
Analytical Services Division Laboratory Report**

Station Code: COMPLNT
Location Description: LLOYDWOOD WWTP
Matrix: WATER
County: LEXINGTON
Sample Type: GR3

Laboratory Sample Number: AB34376
Program Charge: WPC
Collected By: WILKES T
Date of Collection: 4/7/2005
Time of Collection: 11:00:00 AM

Laboratory Sample Number: **AB34376**

Analysis	Result	Units
A-1 Fecal Coliform	30000	cnt/100mL

Sample Comments

RECEIVED

APR 12 2005

CENTRAL MIDLANDS
DISTRICT - EQC



WASTEWATER TREATMENT PLANT FACILITY EVALUATION INSPECTION REPORT

C. Midlands EQC District
Bldg. # 5, PO Box 156
State Park, SC 29147
803.896.0620
803.896.0617 - Fax

NPDES# SC0031402

Outfall: 001

Last Inspection Date: 04/29/04

Facility Name: Piney Grove Util./Lloydwood S/D WWTP

Type of Inspection: Routine mFEI

Effective Permit Dates: 5/1/94-4/30/99

Mr. Reece Williams
Piney Grove Utilities, Inc.
2 Fifth Avenue
Charleston, SC 29403

(803) 606-9224
(843) 200-4876

Operator of Record: NONE

County: Lexington

Facility Observations

Rating

Field Parameters

Effluent Results

Permit		pH (SU)	7.04
Records & Reports	Unsat	DO (mg/l)	3.50
Operator's Log	Unsat	Temp. (deg.C)	13.5
Self-Monitoring (Daily)	Unsat	TRC (mg/l)	<0.05
Operator of Record (Req. C-Bio)	Unsat	CL2 in C.C.	0.07
Flow Measurement (90 V-Notch)	Sat		
Bar Screen (Manual) ()			
Grinder ()			
Grit Removal ()			
Primary Sedimentation ()			
Trickling Filter ()			
Aeration (Cont) (2)	Sat		
Secondary Sedimentation ()			
Digester () ()			
Ponds (Aerated)(Polishing)	Unsat		
Post Chlorination (150 lb Cylinders)	Unsat		
Dechlorination ()			
Sludge Handling ()			
Final Filters ()			
Spray/Tile Field			
Housekeeping	Unsat		
Sludge Disposal ()			

*Note if observations are satisfactory or unsatisfactory.

Weather: Cloudy

Effluent Appearance: Gray, Cloudy, Very strong smell of Sulfur

Remarks / Comments / Recommendations:

Permit has expired - Permittee is under an Administrative Order #02-268-W. Project being handled by Legal.

It is being recommended that a sludge profile be performed on the lagoons due to the build up of solids noticed around the banks of the aerated lagoon. If the sludge is excessive, it is being recommended that the sludge be removed by an approved method, which is to be approved by the Department.

The heavy mat of duckweed needs to be physically removed. Odors are present and the Sulfur odor is very strong at the weir structure. Odor will become worse during warmer weather.

Vegetation on the fence line must be cut back. Large broken tree limbs are partially hanging over the driveway around the facility's fence line, which is a safety hazard for Operators and DHEC Personnel. There are large limbs that have fallen to the ground and are lying on the ground inside the facility fence. Tree limbs are hanging over the influent pump station, which is also a major concern. Tree limbs must be cut and removed and fence areas repaired. The vegetation around the lagoon is extremely high and must be cut. The free boards of the ponds are eroding and the vegetation is heavy. This will compromise the integrity of the dikes and must be repaired.

The Chlorine room only has an opening in the wall where it appears to have had a vent/fan for ventilation. An electric fan with a vent must be installed immediately for the safety of Operators and DHEC Personnel; however, the wiring in this room appears to be in bad shape. There were no CL2 cylinders on site at the time of the inspection. There was one empty bucket for CL2 tablets outside of the CL2 building. The small amount of total chlorine residual that is noted above was probably coming from the makeup water (drinking water supply) that would feed the chlorine to the contact chamber. This water was entering the contact chamber even though there were no chlorine cylinders on site.

During previous inspections I have seen the records for the flow and parameters inside the box with the Flow recorder. There were no records on site at the time of the inspection. The flow recorder paper was empty and the recorder pen had worn a hole in the paper that was still on the meter but it wasn't rolling due to the roll being finished. I staffed the weir structure, but I couldn't check the flow device reading due to the hole in the paper because the pen had torn through it.

During the time of the inspection there was a sampler cooler with a pump connected to the flow recorder on site at outfall 001. The sample bucket in the cooler was $\frac{3}{4}$ full of water and the water was Clear in color.

The effluent was gray in color, cloudy and had a very strong Sulfur odor.

A fecal coliform test was performed on the final effluent due to the total chlorine residual being so low and because there was no chlorine on site. Results from this test indicate 30,000 fecal coliforms/100 ml, which is a violation of the NPDES permit.

The Department was notified on March 1, 2005 by the E.A. Services, Inc., contract Operations Company that they would no longer be operating the facility or performing laboratory analysis. This same day, the Department notified Mr. Reece Williams, care of Mr. Louis H. Lang, Callison Tighe & Robinson in writing requesting the S.C. certified operator information of the person performing daily inspections and the S.C. laboratory identification number of the person/laboratory performing the required analytical data for daily and routine effluent sampling. The Department requested a response within three days. As of this inspection, a response has not been received.

The Department is requesting in writing by March 31, 2005 a corrective action plan for the deficiencies noted above.

NO WRITTEN RESPONSE RECEIVED FOR 02/04/04 INSPECTION AS REQUESTED.
NO WRITTEN RESPONSE RECEIVED FOR 04/29/04 INSPECTION AS REQUESTED.

Unsatisfactory
Overall Rating

3/22/05
05/22/05
Date: (mm/dd/yy)

Brad Martin
DHEC Field Evaluator

1150
Military Time

Reece Williams
Reviewed By

None
Operator w/ Evaluator

This inspection was made to determine the operating condition of the facility, and is not to be interpreted that adequate treatment is being provided.



South Carolina Department of Health and Environmental Control
Analytical Services Division Laboratory Report

Station Code: SC31402G
Description: 001 PINEY GROVE UT/LLOYDWOOD
Matrix: WATER
County: LEXINGTON
Sample Type: GR3

Laboratory Sample Number: AB33072
Program Charge: WPC
Collected By: MARTIN B
Date of Collection: 3/22/2005
Time of Collection: 12:00:00 PM

Laboratory Sample Number: **AB33072**

Analysis	Result	Units
1 Fecal Coliform	30000	cnt/100mL

Sample Comments

Sample Progress Report

rolina DHEC
irmingham, Tyra
03-2005 Time: 14:47:44

AB33072
Validation queue
Order number:
Int code: MDL
SC31402G
Operator: MARTIN B

Date collected: 03/22/05 12:00
Date submitted: 03/22/05 13:22
Due date: 05/06/05 00:00
Specification checking: on
Descript: 001 PINEY GROVE UT/LLOYDWOOD
Login record file: 032205
Sample_type: GR3

	<u>Viol</u>	<u>Result</u>	<u>Unit</u>	<u>Finished</u>	<u>Anl</u>
1 Fecal Coliform		30000	cnt/100mL	03/23/05	TJC

End of progress report on sample: **AB33072**

pulled in conjunction w/ an
mFEI



WASTEWATER TREATMENT PLANT
FACILITY EVALUATION INSPECTION
REPORT

C. Midlands EQC District
Bldg. # 5, PO Box 156
State Park, SC 29147
803.896.0620
803.896.0617 - Fax

711
Certified: 7002 0860 0004 8332 6707

NPDES# SC0031402

Outfall: 001

Last Inspection Date: 02/04/04

Facility Name: Piney Grove Util./Lloydwood S/D WWTP

Type of Inspection: 1st Followup

Effective Permit Dates: 5/1/94-4/30/99

Mr. Reece Williams
Piney Grove Utilities, Inc.
49 Archadale St.
Charleston, SC 29401

(803) 600-9224

Operator of Record: Manley Davis
B-Bio 03362

County: Lexington

Facility Observations Rating Field Parameters Effluent Results

Permit		pH (SU)	6.77
Records & Reports		DO (mg/l)	4.46
Operator's Log		Temp. (deg.C)	17.1
Self-Monitoring (Daily)		TRC (mg/l)	<0.05
Operator of Record (Req. C-Bio)		CL2 in C.C.	>2.20
Flow Measurement (90 V-Notch)			
Bar Screen (Manual) ()			
Grinder ()			
Grit Removal ()			
Primary Sedimentation ()			
Trickling Filter ()			
Aeration (Cont) (2)			
Secondary Sedimentation ()			
Digester () ()			
Ponds (Aerated)(Polishing)	Unsat	Vegetation extremely high, solids, duckweed 100% thick on polishing pond	
Post Chlorination (150 lb)	Sat		
Dechlorination ()	Sat		
Sludge Handling ()			
Final Filters ()			
Spray/Tile Field			
Housekeeping	Unsat	Trees down, grass high, weeds high, erosion	
Sludge Disposal ()			

*Note if observations are satisfactory or unsatisfactory.

Weather: Fair

Effluent Appearance: Gray, cloudy, odorous

Remarks / Comments / Recommendations:

Permit has expired – Permittee is under an Administrative Order #02-268-W. Project being handled by Legal.

It is being recommended that a sludge profile be performed on the lagoons due to the build up of solids noticed around the aerated lagoon. If the sludge is excessive, it is being recommended that the sludge be removed by an approved method from the Department.

The heavy mat of duckweed needs to be physically removed. Odors are still present but much worse. Weather is warmer.

The vegetation around the lagoon is extremely high and must be cut.

EXHIBIT #DTW 32

Page 2
Lloydwood Subdivison
04/29/04

Vegetation on the fence line must be cut back. Large broken tree limbs are partially hanging over the driveway around the facility's fence line, which is a safety hazard for Operators and DHEC Personnel.

Tree limbs are hanging over the influent pump station, which is also a major concern. Tree limbs must be cut and removed and fence areas repaired.

The Chlorine room only has an opening in the wall where it appears to have had a vent/fan for ventilation. This area is where the Operator's records are maintained. An electric fan with a vent must be installed immediately for the safety of Operators and DHEC Personnel; however, the wiring in this room appears to be in bad shape.

The free boards of the ponds are eroding and the vegetation is heavy. This will compromise the integrity of the dikes and must be repaired.

The effluent was gray in color, cloudy and odorous.

The Department is requesting in writing, within 15 days from the receipt of this inspection, a corrective action plan for the deficiencies noted above.

NO WRITTEN RESPONSE RECEIVED FOR 02/04/04 INSPECTION AS REQUESTED.

Unsatisfactory
Overall Rating

04/29/04
Date: (mm/dd/yy)

0930
Military Time

None
Operator w/ Evaluator

Tracey Wilkes
DHEC Field Evaluator

SEP
Reviewed By

This inspection was made to determine the operating condition of the facility, and is not to be interpreted that adequate treatment is being provided.

4411 Inspect. 2
4-29-04

7002 0860 0004 8322 6707

**U.S. Postal Service
CERTIFIED MAIL RECEIPT**
(Domestic Mail Only; No Insurance Coverage Provided)

Piney Grove Utilities / Lloydwood S/D

Postage	\$ 0.37
Certified Fee	2.30
Return Receipt Fee (Endorsement Required)	1.75
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 4.42

STATE PARK, SC 29517
Postmark Here
MAY 11 2004

Sent To *Piney Grove Utilities / Lloydwood S/D*
Street, Apt. No., or PO Box No. *49 Archdale St.*
City, State, ZIP+4 *Charleston, SC 29401*

PS Form 3800, April 2002 See Reverse for Instructions

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

*Piney Grove Utilities
Lloydwood S/D, WWTB
49 Archdale St.
Charleston, SC 29401*

2. Article Number

(Transfer from service label)

7002 0860 0004 8322 6707

PS Form 3811, August 2001

Domestic Return Receipt

102595-02-M-1540

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X Page P. Meyer

☐ Agent

☐ Addressee

B. Received by (Printed Name)

Page P. Meyer

C. Date of Delivery

5/12/04

D. Is delivery address different from item 1? ☐ Yes

If YES, enter delivery address below: ☐ No

3. Service Type

☒ Certified Mail

☐ Express Mail

☐ Registered

☒ Return Receipt for Merchandise

☐ Insured Mail

☐ C.O.D.

4. Restricted Delivery? (Extra Fee)

☐ Yes



WASTEWATER TREATMENT PLANT FACILITY EVALUATION INSPECTION REPORT

C. Midlands EQC District
Bldg. # 5, PO Box 156
State Park, SC 29147
803.896.0620
803.896.0617 - Fax

NPDES# SC0031402 Outfall: 001 Last Inspection Date: 01/12/04

Facility Name: Piney Grove Util /Lloydwood S/D WWTP Type of Inspection: Follow Up to State CSI

Mr. Reece Williams Effective Permit Dates: 5/1/94-4/30/99
Piney Grove Utilities, Inc.
2 Fifth Avenue Operator of Record: Will Stephenson
Charleston, SC 29403 (803) 600-9224 A-8471

County: Lexington

Facility Observations	Rating	Field Parameters	Effluent Results
Permit	*Sat	pH (SU)	6.57
Records & Reports	Sat	DO (mg/l)	4.57
Operator's Log	Sat	Temp. (deg.C)	6.8
Self-Monitoring (Daily)	Sat	TRC (mg/l)	<0.05
Operator of Record (Req. C-Bio)	Sat	CL2 in C.C.	
Flow Measurement (90 V-Notch)	Sat	Calibrated 10/03	
Bar Screen (Manual) ()			
Grinder ()			
Grit Removal ()			
Primary Sedimentation ()			
Trickling Filter ()			
Aeration (Cont) (2)	Sat		
Secondary Sedimentation ()			
Digester () ()			
Ponds (Aerated)(Polishing)	Unsat		
Post Chlorination (150 lb)	Sat		
Dechlorination ()	Sat		
Sludge Handling ()			
Final Filters ()			
Spray/Tile Field			
Housekeeping	Unsat		
Sludge Disposal ()			
Daily Inspections	Sat		

*Note if observations are satisfactory or unsatisfactory.

Weather: Cloudy

Effluent Appearance: Grey, cloudy, foamy and odorous

Remarks / Comments / Recommendations:

Permit has expired - Permittee is under an Administrative Order #02-268-W. Project being handled by Legal.

It is being recommended that a sludge profile be performed on the lagoons due to the build up of solids noticed around the aerated lagoon. If the sludge is excessive, it is being recommended that the sludge be removed by an approved method from the Department.

The heavy mat of duckweed needs to be physically removed. Odors are being experienced even in the winter months due to low dissolved oxygen levels discharging from the polishing pond.

The large holes in the driveway must be filled in.

The vegetation around the lagoon is extremely high and must be cut.

EXHIBIT #DTW 33

Vegetation on the fence line must be cut back. Large broken tree limbs are partially hanging over the driveway around the facility's fence line, which is a safety hazard for Operators and DHEC Personnel.

Tree limbs are hanging over the influent pump station, which is also a major concern. Tree limbs must be cut and removed and fence areas repaired.

The Chlorine room only has an opening in the wall where it appears to have had a vent/fan for ventilation. This area is where the Operator's records are maintained. An electric fan with a vent must be installed immediately for the safety of Operators and DHEC Personnel; however, the wiring in this room appears to be in bad shape.

The free board of the ponds are eroding and the vegetation is heavy. This will compromise the integrity of the dikes and must be repaired.

The effluent was discharging foam.

The Department is requesting in writing, within 15 days from the receipt of this inspection, a corrective action plan for the deficiencies noted above.

Unsatisfactory
Overall Rating

02/04/2004
Date (mm/dd/yy)

1230
Military Time

None
Operator w/ Evaluator

Tracey Wilkes
DHEC Field Evaluator

Reviewed By

This inspection was made to determine the operating condition of the facility, and is not to be interpreted that adequate treatment is being provided



C. Earl Hunter, Commissioner

Promoting and protecting the health of the public and the environment.

BOARD:

Carl L. Brazell

Louisiana W. Wright

L. Michael Blackmon

Coleman F. Buckhouse, MD

1. RD:
Elizabeth M. Hagood
Chairman

Mark B. Kent
Vice Chairman

Howard L. Brilliant, MD
Secretary

April 14, 2004

Reese Williams
Piney Grove Ut./Lloydwood SD
#2 Fifth Avenue
Charleston, SC 29403

Re: Piney Grove Ut./Lloydwood
NPDES Permit No. SC0031402
Lexington County

Tracey
RECEIVED

APR 15 2004

CENTRAL MIDLANDS
DISTRICT - EQC

Dear Mr. Williams:

Attached are the results of the **Compliance Sampling Inspection** of your wastewater treatment facility performed by DHEC on January 12, 2004 to January 14, 2004. Sampling was performed in accordance with the NPDES permit and sample chain of custody was maintained by DHEC personnel. All sampling and analyses were performed according to DHEC Environmental Investigations Standard Operating Procedures and Quality Assurance Manual.

A review of this data indicates that the wastewater was meeting applicable NPDES permit requirements during the sampling period; therefore, no response is necessary.

Please be informed that DHEC's Center for Waste Minimization offers a free, non-regulatory service to help facilities identify pollutant sources and develop programs to reduce them. Contact the Center at (803) 896-8986 for more information concerning this service.

If you have any questions regarding this inspection, please contact me at (803) 898-4041.

Sincerely,

Debra Boston
Debra Boston
Facilities Compliance Manager
Pollution Source Compliance Section
Bureau of Water

Attachment

cc: ✓ District Director
Bob Burgess, Center for Waste Minimization
USEPA

EXHIBIT #DTW 34

PARAMETER		RESULT	LIMIT	UNITS	SAMPLE TYPE
0300 Dissolved Oxygen	Conc Min	3.150	2.0		GR/GR
0310 D - 5 Day	Qty Avg	15.688	38.7		CP/24
	Qty Max	15.963	58.1	LBS/DAY	
	Conc Avg	21.500	30		
	Conc Max	22.000	45	MG/L	
0400 H	Conc Min	6.900	6.0		GR/GR
	Conc Max	7.030	9.0	SU	
0530 Total Suspended	Qty Avg	10.950	116.2		CP/24
	Qty Max	11.743	174.3	LBS/DAY	
	Conc Avg	15.000	90		
	Conc Max	16.000	135	MG/L	
0610 Ammonia-Nitrogen	Qty Avg	0.065	5.8		CP/24
	Qty Max	0.073	8.7	LBS/DAY	
	Conc Avg	0.090	4.50		
	Conc Max	0.100	6.75	MG/L	
01027 Cadmium, Total	Conc Max	0.000K	REPORT	MG/L	CP/24
01042 Copper, Total as Cu	Conc Max	0.000K	REPORT	MG/L	CP/24
01051 Lead, Total	Conc Max	0.000K	REPORT	MG/L	CP/24
01092 Zinc, Total	Conc Max	0.000K	REPORT	MG/L	CP/24
50050 Flow in Conduit or	Qty Avg	0.088	0.1548		CP/CN
	Qty Max	0.088	0.1548	MGD	
50060 Total Residual	Conc Avg	0.050K	-0.1		GR/GR
	Conc Max	0.050K	-0.1	MG/L	

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04065

K = Less Than, L = Greater Than

Sample Split = None APR 15 2004 Page 1

CENTRAL MIDLANDS
DISTRICT - EQC

0031402 / 001 PINEY GROVE UTIL/LLOYDWOOD SD LEXINGTON Co 01/12/2004 01/14/2004

PARAMETER		RESULT	LIMIT	UNITS	SAMPLE TYPE
1055 fecal Coliform	Conc Avg	4K	200	#/100ML	GR/GR
	Conc Max	20K	400		

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APR 15 2004

CENTRAL MIDLANDS
DISTRICT - EQC



Enter fac. DTW

CERTIFIED MAIL--RETURN RECEIPT REQUESTED

2600 Bull Street
Columbia, SC 29201-1708

October 9, 2003

Reese Williams
Piney Groove Util./Lloydwood
717 King Street
Columbia, SC 29205

Re: Piney Groove Util./Lloydwood
NPDES Permit No. SC0031402
Lexington County

Dear Mr. Williams:

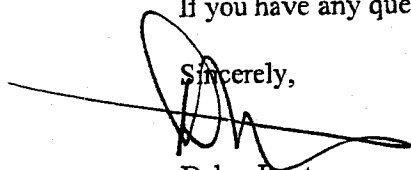
Attached are the results of the **Compliance Sampling Inspection** of your wastewater treatment facility performed by DHEC on August 25, 2003 to August 27, 2003. Sampling was performed in accordance with the NPDES permit and sample chain of custody was maintained by DHEC personnel. All sampling and analyses were performed according to the DHEC Environmental Investigations Standard Operating Procedures and Quality Assurance Manual.

A review of this data indicates that the wastewater was not meeting applicable NPDES permit limits during the sampling period for **fecal coliform**, which results in an overall **non-compliance** rating.

Please note that failure to comply with the NPDES permit conditions places you in violation of Sections 48-1-90 and 48-1-110 of the Code of Laws of South Carolina. Therefore, it is requested that you respond in writing to this office within fifteen (15) days concerning corrective action. Failure to respond or an inadequate response will provide a basis for enforcement action.

If you have any questions regarding this inspection, please contact me at 803.898.4041.

Sincerely,


Debra Boston
Facilities Compliance Manager
Pollution Source Compliance Section
Bureau of Water

Attachment

cc: District Director
Enforcement
USEPA

EXHIBIT #DTW 35

10/07/2003

SC DHEC - Water Pollution Control

Page: 1

ALL CMR TEST RESULTS

NPDES #: SC0031402 PIPE #: 001

Parameter	Value	Start Date	End Date	Sample Type	Limit Type
00010 Water Temperature (Centigrade)	25.8	08/25/2003	08/25/2003	GR	F
00010 Water Temperature (Centigrade)	26.3	08/26/2003	08/26/2003	GR	F
00010 Water Temperature (Centigrade)	26.7	08/27/2003	08/27/2003	GR	F
00020 Air Temperature (Centigrade)	30.0	08/25/2003	08/25/2003	GR	F
00020 Air Temperature (Centigrade)	31.5	08/26/2003	08/26/2003	GR	F
00020 Air Temperature (Centigrade)	32.0	08/27/2003	08/27/2003	GR	F
00041 Weather	Clear	08/25/2003	08/25/2003	GR	F
00041 Weather	Clear	08/26/2003	08/26/2003	GR	F
00041 Weather	Clear	08/27/2003	08/27/2003	GR	F
00300 Dissolved Oxygen	4.61	08/25/2003	08/25/2003	GR	F
00300 Dissolved Oxygen	4.23	08/26/2003	08/26/2003	GR	F
00300 Dissolved Oxygen	4.41	08/27/2003	08/27/2003	GR	F
00310 BOD - 5 Day (20 Degrees C)	24	08/25/2003	08/26/2003	CP	F
00310 BOD - 5 Day (20 Degrees C)	30	08/26/2003	08/27/2003	CP	F
00400 pH Standard Units	6.70	08/25/2003	08/25/2003	GR	F
00400 pH Standard Units	6.62	08/26/2003	08/26/2003	GR	F
00400 pH Standard Units	6.72	08/27/2003	08/27/2003	GR	F
00530 Total Suspended Solids (TSS)	7.0	08/25/2003	08/26/2003	CP	F
00530 Total Suspended Solids (TSS)	9.6	08/26/2003	08/27/2003	CP	F
00610 Ammonia-Nitrogen Total as N	0.056	08/25/2003	08/26/2003	CP	F
00610 Ammonia-Nitrogen Total as N	0.058	08/26/2003	08/27/2003	CP	F
01027 Cadmium, Total	<0.010	08/25/2003	08/26/2003	CP	F
01027 Cadmium, Total	<0.010	08/26/2003	08/27/2003	CP	F
01042 Copper, Total as Cu	<0.010	08/25/2003	08/26/2003	CP	F
01042 Copper, Total as Cu	<0.010	08/26/2003	08/27/2003	CP	F
01051 Lead, Total	<0.050	08/25/2003	08/26/2003	CP	F
01051 Lead, Total	<0.050	08/26/2003	08/27/2003	CP	F
01092 Zinc, Total	<0.010	08/25/2003	08/26/2003	CP	F
01092 Zinc, Total	<0.010	08/26/2003	08/27/2003	CP	F
50050 Flow in Conduit or Thru Treatm	0.130	08/25/2003	08/26/2003	CP	F
50050 Flow in Conduit or Thru Treatm	0.117	08/26/2003	08/27/2003	CP	F
50060 Total Residual Chlorine	<0.05	08/25/2003	08/25/2003	GR	F
50060 Total Residual Chlorine	<0.05	08/26/2003	08/26/2003	GR	F
50060 Total Residual Chlorine	<0.05	08/27/2003	08/27/2003	GR	F
66666 TRC Before Dechlorination	>2.00	08/25/2003	08/25/2003	GR	F
66666 TRC Before Dechlorination	1.43	08/26/2003	08/26/2003	GR	F
66666 TRC Before Dechlorination	1.91	08/27/2003	08/27/2003	GR	F
74055 Fecal Coliform General	220	08/25/2003	08/25/2003	GR	F
74055 Fecal Coliform General	500	08/26/2003	08/26/2003	GR	F
74055 Fecal Coliform General	300	08/27/2003	08/27/2003	GR	F

PARAMETER		RESULT	LIMIT	UNITS	SAMP
0300 Dissolved Oxygen	Conc Min	4.230	2.0		G
0310 SD - 5 Day	Qty Avg	27.647	38.7		C
	Qty Max	29.273	58.1	LBS/DAY	
	Conc Avg	27.000	30		
	Conc Max	30.000	45	MG/L	
0400 H	Conc Min	6.620	6.0		G
	Conc Max	6.720	9.0	SU	
0530 Total Suspended	Qty Avg	8.478	116.2		C
	Qty Max	9.367	174.3	LBS/DAY	
	Conc Avg	8.300	90		
	Conc Max	9.600	135	MG/L	
0610 Ammonia-Nitrogen	Qty Avg	0.059	3.4		C
	Qty Max	0.061	5.0	LBS/DAY	
	Conc Avg	0.057	2.60		
	Conc Max	0.058	3.90	MG/L	
01027 Cadmium, Total	Conc Max	0.000K	REPORT	MG/L	C
01042 Copper, Total as Cu	Conc Max	0.000K	REPORT	MG/L	C
01051 Lead, Total	Conc Max	0.000K	REPORT	MG/L	C
01092 Zinc, Total	Conc Max	0.000K	REPORT	MG/L	C
50050 Flow in Conduit or	Qty Avg	0.124	0.1548		C
	Qty Max	0.130	0.1548	MGD	
50060 Total Residual	Conc Avg	0.050K	-0.1		G
	Conc Max	0.050K	-0.1	MG/L	

03018

K = Less Than, L = Greater Than

Sample Split = None

PARAMETER		RESULT	LIMIT	UNITS	SAMPLE TYPE
4055					GR/GR
ecal Coliform	Conc Avg	321	200		
	Conc Max	500	400	#/100ML	



WASTEWATER TREATMENT FACILITY
MINOR COMPLIANCE SAMPLING INSPECTION
REPORT

C. Midlands EQC District
Bldg. # 5, PO Box 156
State Park, SC 29147
803.896.0620
803.896.0617 - Fax

*Called
8/20/03
DTH*

NPDES: SC0631402
Facility Name: Lloydwood S/D

Outfall: 001

Last Inspection Date
Effective Date of Permit:

Owner: Piney Grove Utilities
Mr. Reese Williams
717 King Street
Cala, SC 29201

803-606-9224

Operator of Record: Will Stephenson
Operator Grade: A-Bio

*Added
in Future
8-20-03
DTH*

Facility Grade Req: C

County: Lexington

Facility Observations On-Line/Off-Line (Y/N)
NA, if not applicable Comments

Operator's Log*	SAT	
Flow Measurement* (90° V-notch)	SAT	Last Calib. 4-1-03 / w/a ±10% (-5.2%)
Bar Screen ()		
Grinder (n/a)		
Grit Removal (n/a)		
Primary Sedimentation (n/a)		
Trickling Filter (n/a)		
Aeration (2) Continuous	SAT	
Secondary Sedimentation ()		
Digester ()		
Ponds (n/a) / Aerated + polishing	UNSAT *	Polishing pond 100% covered w/duckweed.
Post Chlorination (4) 150 lb cl ₂	SAT	
Dechlorination (n/a)		
Sludge Handling (n/a)		
Final Filters (n/a)		
Spray/Tile Field (n/a)		
Housekeeping	UNSAT *	Operator stated Grass was cut on 8-23-03 (First time in 3 years)
Sludge Disposal ()		
Other:		
Other:		

*Note if observations are satisfactory or unsatisfactory.
**Underline violated parameter(s) if applicable.

Effluent has a strong sulfurous odor (rotteness)

**Day 1 - Field Parameters (Temp, pH, D.O., TRC or None)
**Day 2 - Field Parameters (Temp, pH, D.O., TRC or None)
**Day 3 - Field Parameters (Temp, pH, D.O., TRC or None)

Effluent Appearance: light milky appearance
Effluent Appearance: " " " " Weather: Fair
Effluent Appearance: " " " " Weather: Clear
Effluent Appearance: " " " " Weather: Clear

Remarks / Comments / Recommendations:

- Facility only being visited 5 days (M-F) per week
- Grounds are not being maintained except for a little Bushhogging that was done over the weekend (8-23-03). Vegetation is very thick and over head high along the fence and off both ponds and around the perimeter of both ponds
- Tree limbs are laying on the fence line around the facility
- The hill/path leading to the outfall is very unsafe and need to be fixed!

Will Stephenson
Operator w/Inspector

08-25-03
Date: (mm/dd/yy)

1120
Military Time

S Mundy
DHEC Field Inspector

[Signature]
Reviewed by

8-25-03
Date

Inspection was made to determine the operating condition of the facility, and is not to be interpreted that adequate treatment is being provided.





2600 Bull Street
Columbia, SC 29201-1708

COMMISSIONER:
C. Earl Hunter

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Mark B. Kent
Vice Chairman

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Secretary

Carl L. Brazell

Louisiana W. Wright

L. Michael Blackmon

Larry R. Chewning, Jr., DMD

November 4, 2002

Reese Williams
Piney Grove Util/Lloydwood SD
717 King Street
Columbia, SC 29205

Re: Piney Grove Util/Lloydwood SD
NPDES Permit No. SC0031402
Lexington County

Dear Mr. Williams:

Attached for your information are the results of the **Compliance Sampling Inspection** of your wastewater treatment facility performed by DHEC on June 10, 2002 to June 12, 2002. Sampling was performed in accordance with the NPDES permit and sample chain of custody was maintained by DHEC personnel. All sampling and analyses were performed according to DHEC Standard Operating Procedures Manual and Quality Assurance Procedures Plan.

If you have any questions regarding this inspection, please contact me at (803) 898-4041.

Sincerely,

Debra Boston
Facilities Compliance Manager
Pollution Source Compliance Section
Bureau of Water

Attachment

cc: District Director
Enforcement

Stim
Tracey Dow 11/25/02
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CENTRAL MIDLANDS
DISTRICT - EQC

EXHIBIT #DTW 36

South Carolina Department of Health and Environmental Control

Water Pollution Control
COMPLIANCE MONITORING REPORT

PERMITTEE NAME/ADDRESS

NAME REESE WILLIAMS PRESIDENT
ADDRESS HWY 321 SOUTH
CAYCE, SC 29171

SC00031402
PERMIT NUMBER

001
DISCHARGE NUMBER

CM

04/30/1999

FACILITY PINEY GROVE UTIL/LLOYDWOOD SD
LOCATION LEXINGTON County

NOTE TO MUNICIPALS: Weekly average is listed in maximum column and monthly average is listed in average column.

PARAMETER		QUANTITY OR LOADING		UNITS	QUALITY OR CONCENTRATION			UNITS	SAMPLE TYPE
		AVERAGE	MAXIMUM		MINIMUM	AVERAGE	MAXIMUM		
00300 Dissolved Oxygen	SAMPLE MEASUREMENT				3.000			MG/L	GR
	PERMIT REQUIREMENT				2.0				GR
00310 BOD - 5 Day (20 Degrees C)	SAMPLE MEASUREMENT	17.322	18.440	LBS/DAY		31.000	33.000	MG/L	CP
	PERMIT REQUIREMENT	38.7	58.1			30	45		CP
00400 pH	SAMPLE MEASUREMENT				6.400		6.830	SU	GR
	PERMIT REQUIREMENT				6.0		9.0		GR
Standard Units									
00530 Total Suspended Solids (TSS)	SAMPLE MEASUREMENT	8.102	8.940	LBS/DAY		14.500	16.000	MG/L	CP
	PERMIT REQUIREMENT	115.2	174.3			90	135		CP
00610 Ammonia-Nitrogen Total as N	SAMPLE MEASUREMENT	0.028K	0.028K	LBS/DAY		0.050K	0.050K	MG/L	CP
	PERMIT REQUIREMENT	3.4	5.0			2.60	3.90		CP
01027 Cadmium, Total	SAMPLE MEASUREMENT						0.010K	MG/L	CP
	PERMIT REQUIREMENT						REPORT		CP
01042 Copper, Total as Cu	SAMPLE MEASUREMENT						0.010K	MG/L	CP
	PERMIT REQUIREMENT						REPORT		CP
01051 Lead, Total	SAMPLE MEASUREMENT						0.050K	MG/L	CP
	PERMIT REQUIREMENT						REPORT		CP
020610 020612									

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CENTRAL MIDLANDS DISTRICT - EOC

South Carolina Department of Health and Environmental Control

Water Pollution Control

COMPLIANCE MONITORING REPORT

PERMITTEE NAME/ADDRESS

NAME REESE WILLIAMS PRESIDENT
ADDRESS HWY 321 SOUTH
CAYCE, SC 29171

SC00031402
PERMIT NUMBER

001
DISCHARGE NUMBER

FACILITY PINEY GROVE UTIL/LLOYDWOOD SD
LOCATION LEXINGTON COUNTY

CN 04/30/1995

NOTE TO MUNICIPALS: Weekly average is listed in maximum column and monthly average is listed in average column.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION					SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS		
01092 Zinc, Total	SAMPLE MEASUREMENT						0.047	MG/L	CP	
	PERMIT REQUIREMENT						REPORT		24	
020610 020612	SAMPLE MEASUREMENT	0.067	0.067						CP	
	PERMIT REQUIREMENT	0.1548	0.1548	MGD					CN	
50050 Flow in Conduit of Inlet Treatment Plant	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
50060 Total Residual Chlorine	SAMPLE MEASUREMENT					0.050K	0.050K	MG/L	GR	
	PERMIT REQUIREMENT					0.1	0.1		GR	
020610 020612	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
74055 Fecal Coliform	SAMPLE MEASUREMENT					72	170	#/100ML	GR	
	PERMIT REQUIREMENT					200	400		GR	
020610 020612	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

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CENTRAL MIDLANDS

DISTRICT - EQC

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CENTRAL MIDLANDS
DISTRICT - EQC

10/29/2002

SC DHEC - Water Pollution Control

Page: 1

ALL CMR TEST RESULTS

NPDES #: SC0031402 PIPE #: 001

Parameter	Value	Start Date	End Date	Sample Type	Limit Type
00010 Water Temperature (Centigrade)	22.9	06/10/2002	06/10/2002	GR	F
00010 Water Temperature (Centigrade)	22.9	06/11/2002	06/11/2002	GR	F
00010 Water Temperature (Centigrade)	24.7	06/12/2002	06/12/2002	GR	F
00020 Air Temperature (Centigrade)	27.0	06/10/2002	06/10/2002	GR	F
00020 Air Temperature (Centigrade)	27.5	06/11/2002	06/11/2002	GR	F
00020 Air Temperature (Centigrade)	28.0	06/12/2002	06/12/2002	GR	F
00041 Weather	Clear	06/11/2002	06/12/2002	CP	F
00041 Weather	Clear	06/10/2002	06/10/2002	GR	F
00041 Weather	Clear	06/11/2002	06/11/2002	GR	F
00041 Weather	Clear	06/12/2002	06/12/2002	GR	F
00300 Dissolved Oxygen	3.00	06/10/2002	06/10/2002	GR	F
00300 Dissolved Oxygen	3.60	06/11/2002	06/11/2002	GR	F
00300 Dissolved Oxygen	3.00	06/12/2002	06/12/2002	GR	F
00310 BOD - 5 Day (20 Degrees C)	29	06/10/2002	06/11/2002	CP	F
00310 BOD - 5 Day (20 Degrees C)	33	06/11/2002	06/12/2002	CP	F
00400 pH Standard Units	6.83	06/10/2002	06/10/2002	GR	F
00400 pH Standard Units	6.58	06/11/2002	06/11/2002	GR	F
00400 pH Standard Units	6.40	06/12/2002	06/12/2002	GR	F
00530 Total Suspended Solids (TSS)	13	06/10/2002	06/11/2002	CP	F
00530 Total Suspended Solids (TSS)	16	06/11/2002	06/12/2002	CP	F
00610 Ammonia-Nitrogen Total as N	<0.050	06/10/2002	06/11/2002	CP	F
00610 Ammonia-Nitrogen Total as N	<0.050	06/11/2002	06/12/2002	CP	F
01027 Cadmium, Total	<0.010	06/10/2002	06/11/2002	CP	F
01027 Cadmium, Total	<0.010	06/11/2002	06/12/2002	CP	F
01042 Copper, Total as Cu	<0.010	06/10/2002	06/11/2002	CP	F
01042 Copper, Total as Cu	<0.010	06/11/2002	06/12/2002	CP	F
01051 Lead, Total	<0.050	06/10/2002	06/11/2002	CP	F
01051 Lead, Total	<0.050	06/11/2002	06/12/2002	CP	F
01092 Zinc, Total	0.047	06/10/2002	06/11/2002	CP	F
01092 Zinc, Total	0.047	06/11/2002	06/12/2002	CP	F
50050 Flow in Conduit or Thru Treatm	0.067	06/10/2002	06/11/2002	CP	F
50050 Flow in Conduit or Thru Treatm	0.067	06/11/2002	06/12/2002	CP	F
50060 Total Residual Chlorine	<0.05	06/10/2002	06/10/2002	GR	F
50060 Total Residual Chlorine	<0.05	06/11/2002	06/11/2002	GR	F
50060 Total Residual Chlorine	<0.05	06/12/2002	06/12/2002	GR	F
50060 Total Residual Chlorine	<0.05	06/10/2002	06/10/2002	GR	F
66666 TRC Before Dechlorination	1.10	06/10/2002	06/11/2002	GR	F
66666 TRC Before Dechlorination	>2.00	06/11/2002	06/11/2002	GR	F
66666 TRC Before Dechlorination	>2.00	06/12/2002	06/12/2002	GR	F
74055 Fecal Coliform General	20	06/10/2002	06/10/2002	GR	F
74055 Fecal Coliform General	110	06/11/2002	06/11/2002	GR	F
74055 Fecal Coliform General	170	06/12/2002	06/12/2002	GR	F

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NOV 06 2002

CENTRAL MIDLANDS
DISTRICT - EQC



2600 Bull Street
Columbia, SC 29201-1708

COMMISSIONER:
C. Earl Hunter

BOARD:
Bradford W. Wyche
Chairman

Mark B. Kent
Vice Chairman

Howard L. Brilliant, MD
Secretary

Carl L. Brazell

Louisiana W. Wright

L. Michael Blackmon

Larry R. Chewning, Jr., DMD

April 2, 2002

Charles Ray
Piney Grove Util/Lloydwood SD
717 King Street
Columbia, SC 29205

Re: Piney Grove Util/Lloydwood SD
PDES Permit No. SC0031402
Lexington County

Dear Mr. Ray:

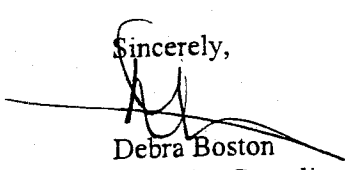
Attached are the results of the **Compliance Sampling Inspection** of your wastewater treatment facility performed by DHEC on January 14, 2002 to January 16, 2002. Sampling was performed in accordance with the NPDES permit and sample chain of custody was maintained by DHEC personnel. All sampling and analyses were performed according to the DHEC Standard Operating Procedures Manual and Quality Assurance Procedures Plan.

A review of this data indicates that the wastewater was not meeting applicable NPDES permit limits during the sampling period for **ammonia** and **BOD(avg)**, which results in an overall **non-compliance** rating.

Please note that failure to comply with the NPDES permit conditions places you in violation of Sections 48-1-90 and 48-1-110 of the Code of Laws of South Carolina. Therefore, it is requested that you respond in writing to this office within fifteen (15) days concerning corrective action. Failure to respond or an inadequate response will provide a basis for enforcement action.

If you have any questions regarding this inspection, please contact me at 803.898.4041.

Sincerely,


Debra Boston
Facilities Compliance Manager
Pollution Source Compliance Section
Bureau of Water

Attachment
cc: District Director
Enforcement

CERTIFIED MAIL--RETURN RECEIPT REQUESTED

2
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APR 08 2002
CENTRAL MIDLANDS
DISTRICT - EQC

EXHIBIT #DTW 37

South Carolina Department of Health and Environmental Control

Water Pollution Control COMPLIANCE MONITORING REPORT

PERMITTEE NAME/ADDRESS

NAME CHARLES RAY MANAGER
ADDRESS HWY 321 SOUTH
CAYCE, SC 29171

SC0031402
PERMIT NUMBER

001
DISCHARGE NUMBER

CM 04/30/1999

FACILITY PINNEY GROVE UTIL/LLOYDWOOD SD
LOCATION LEXINGTON County

NOTE TO MUNICIPALS: Weekly average is listed in
maximum column and monthly average is listed in average
column.

PARAMETER		QUANTITY OR LOADING		UNITS	QUALITY OR CONCENTRATION				SAMPLE TYPE
		AVERAGE	MAXIMUM		MINIMUM	AVERAGE	MAXIMUM	UNITS	
00300 Dissolved Oxygen	SAMPLE MEASUREMENT				3.350			MG/L	GR
	PERMIT REQUIREMENT				2.0				
020114 020116									
00310 BOD - 5 Day (20 Degrees C)	SAMPLE MEASUREMENT	17.002	21.767	LBS/ DAY		32.000	36.000	MG/L	CP
	PERMIT REQUIREMENT	30.7	50.1			30	45		24
020114 020116									
00400 PH	SAMPLE MEASUREMENT				6.900		7.700	SU	GR
	PERMIT REQUIREMENT				6.0		9.0		GR
Standard Units									
020114 020116									
00530 Total Suspended Solids (TSS)	SAMPLE MEASUREMENT	17.960	22.372	LBS/ DAY		34.000	37.000	MG/L	CP
	PERMIT REQUIREMENT	116.2	174.3			90	135		24
020114 020116									
00610 Ammonia-Nitrogen Total as N	SAMPLE MEASUREMENT	10.937	12.698	LBS/ DAY		21.000	21.000	MG/L	CP
	PERMIT REQUIREMENT	5.0	8.7			4.50	6.75		24
020114 020116									
01027 Cadmium, Total	SAMPLE MEASUREMENT						0.010K	MG/L	CP
	PERMIT REQUIREMENT						REPORT		24
020114 020116									
01042 Copper, Total as Cu	SAMPLE MEASUREMENT						0.013	MG/L	CP
	PERMIT REQUIREMENT						REPORT		24
020114 020116									
01051 Lead, Total	SAMPLE MEASUREMENT						0.050K	MG/L	CP
	PERMIT REQUIREMENT						REPORT		24
020114 020116									

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APR 08 2002
CENTRAL MIDLANDS
DISTRICT LEON

South Carolina Department of Health and Environmental Control

Water Pollution Control COMPLIANCE MONITORING REPORT

PERMITTEE NAME/ADDRESS

NAME **CHARLES RAY MANAGER**
ADDRESS **HWY 321 SOUTH
CAYCE, SC 29171**

SC0031402
PERMIT NUMBER

001
DISCHARGE NUMBER

FACILITY **PINEY GROVE UTIL/LLOYDWOOD SD**
LOCATION **LEXINGTON County**

CM 04/30/1999

NOTE TO MUNICIPAL: Weekly average is listed in maximum column and monthly average is listed in average column.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	
01092 Zinc, Total	SAMPLE MEASUREMENT						0.053K	MG/L	CP
	PERMIT REQUIREMENT						REPORT		24
020114 020116	SAMPLE MEASUREMENT	0.062	0.073	MGD					CP
50050 Flow in Conduit or Thru Treatment Plant	PERMIT REQUIREMENT	0.1548	0.1548						CN
020114 020116	SAMPLE MEASUREMENT					0.100K	0.100K		GR
50060 Total Residual Chlorine	PERMIT REQUIREMENT					0.1	0.1	MG/L	GR
020114 020116	SAMPLE MEASUREMENT					20K	20K	#/100ML	GR
74055 Fecal Coliform General	PERMIT REQUIREMENT					200	400		GR
020114 020116	SAMPLE MEASUREMENT								
	PERMIT REQUIREMENT								
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CENTRAL MIDLANDS
DISTRICT - EOC

03/28/2002

SC DHEC - Water Pollution Control

Page: 1

MIL. CMR TEST RESULTS

NPDES #: SC0031402 PIPE #: 001

Parameter	Value	Start Date	End Date	Sample Type	Limit Type
00010 Water Temperature (Centigrade)	6.5	01/14/2002	01/14/2002	GR	F
00010 Water Temperature (Centigrade)	6.5	01/15/2002	01/15/2002	GR	F
00010 Water Temperature (Centigrade)	6.8	01/16/2002	01/16/2002	GP	F
00020 Air Temperature (Centigrade)	6.8	01/14/2002	01/14/2002	GR	F
00020 Air Temperature (Centigrade)	7.0	01/15/2002	01/15/2002	GR	F
00020 Air Temperature (Centigrade)	6.5	01/16/2002	01/16/2002	GR	F
00041 Weather	Cloudy	01/14/2002	01/14/2002	GR	F
00041 Weather	Fair	01/15/2002	01/15/2002	GR	F
00041 Weather	Clear	01/16/2002	01/16/2002	GR	F
00300 Dissolved Oxygen	3.60	01/14/2002	01/14/2002	GR	F
00300 Dissolved Oxygen	3.65	01/15/2002	01/15/2002	GR	F
00300 Dissolved Oxygen	3.35	01/16/2002	01/16/2002	GR	F
00310 BOD - 5 Day (20 Degrees C)	36	01/14/2002	01/15/2002	CP	F
00310 BOD - 5 Day (20 Degrees C)	28	01/15/2002	01/16/2002	CP	F
00400 pH Standard Units	7.70	01/14/2002	01/14/2002	GR	F
00400 pH Standard Units	7.25	01/15/2002	01/15/2002	GR	F
00400 pH Standard Units	6.90	01/16/2002	01/16/2002	GR	F
00530 Total Suspended Solids (TSS)	37	01/14/2002	01/15/2002	CP	F
00530 Total Suspended Solids (TSS)	31	01/15/2002	01/16/2002	CP	F
00610 Ammonia-Nitrogen Total as N	21	01/14/2002	01/15/2002	CP	F
00610 Ammonia-Nitrogen Total as N	21	01/15/2002	01/16/2002	CP	F
00625 Nitrogen, Total Kjeldahl as	24	01/15/2002	01/16/2002	CP	F
00630 NO2 and NO3 as N Total	0.030	01/15/2002	01/16/2002	CP	F
00665 Phosphorous, Total	3.2	01/15/2002	01/16/2002	CP	F
01027 Cadmium, Total	<0.010	01/14/2002	01/15/2002	CP	F
01027 Cadmium, Total	<0.010	01/15/2002	01/16/2002	CP	F
01042 Copper, Total as Cu	0.019	01/14/2002	01/15/2002	CP	F
01042 Copper, Total as Cu	0.012	01/15/2002	01/16/2002	CP	F
01051 Lead, Total	<0.050	01/14/2002	01/15/2002	CP	F
01051 Lead, Total	<0.050	01/15/2002	01/16/2002	CP	F
01092 Zinc, Total	0.053	01/14/2002	01/15/2002	CP	F
01092 Zinc, Total	<0.010	01/15/2002	01/16/2002	CP	F
50050 Flow in Conduit or Thru Treatm	0.0725	01/14/2002	01/15/2002	CP	F
50050 Flow in Conduit or Thru Treatm	0.0524	01/15/2002	01/16/2002	CP	F
50060 Total Residual Chlorine	<0.10	01/14/2002	01/14/2002	GR	F
50060 Total Residual Chlorine	<0.10	01/15/2002	01/15/2002	GR	F
50060 Total Residual Chlorine	<0.10	01/16/2002	01/16/2002	GR	F
66666 TRC Before Dechlorination	>2.00	01/15/2002	01/15/2002	GR	F
66666 TRC Before Dechlorination	>2.00	01/16/2002	01/16/2002	GR	F
74055 Fecal Coliform General	<20	01/14/2002	01/14/2002	GR	F
74055 Fecal Coliform General	<20	01/15/2002	01/15/2002	GR	F
74055 Fecal Coliform General	<20	01/16/2002	01/16/2002	GR	F

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CENTRAL

DISTRICT - LSC

Location: Lloydwood NPDES No: SC0031402 County: Lexington
 Date: 1-14-02 Time In: 1000 Date Out: 1-16-02 Time Out: 1000
 Low Meter Serial Number: 674 F0544 Module No: 4230 Max Head: 1'0"
 Primary Flow Device: 90° V-notch weir Chart Speed: 1/2" hr
 Scaling Constant (GPS): 18.70 0.010 - 0.150
 Head at Set-Up: 0.26 Flow Rate at Set-Up (GPS): 0.6447
 Full Scale Flow Rate (GPS): 20.000 Estimated Daily Flow (MGD): 0.065
 Total Flow Day One (MGD): 0.0725 Total Flow Day Two (MGD):
 In-House Flow Equipment Checked:

COMMENTS
RW: Dry Beach -> Catastrophe - Severe Accumulated Legions

001 GR: Fecal, TRG: < 0.1, DO > 2.0, pH 6.0 - 9.0
CP: Flow, BOD, TSS, NH₃, Cd, Cu, Pb, Zn

Samples Split w/ 1-15-02 @ 1000 1-16-02 @
1-16-02 @

Totalizer Day 1 5501265 @ 1000 > 0.0487
Day 2 5501752 @ 1000 > 0.043200
Day 3 5502184 @ 1000 > 0.043200

5.7 pH @ 1013 1-14-02 Flow meter was little off
7.7 pH 2nd reading 0.20 on meter, 0.26 on staff gauge
after recalibration
over 6.2 6.92 7 Buffer
17.5 1-16-02 @ 0.540

Samples Released to Co. Cole 1-14-02 @ 1245
N. Byrd 1-15-02 @ 1345
N. Byrd 1-16-02 @ 1325

Page No. 87

COLLECTOR: Z. Wall Lloydwood SC0031402

WEATHER CODES:
 Clear 00, Fair 01,
 Cloudy 02, Rain 22

TIDE STAGE CODES:
 Ebb 2000, Flood 4000

Time Collected	In	Out	GR	GR	GR	CP	CP
(Military)	111	111	111	111	111	111	111
Date (yr/mo/day)	02/11/02	02/11/02	02/11/02	02/11/02	02/11/02	02/11/02	02/11/02
Temp. Air (°C)	02	01	01	01	01	01	01
% from R.B.	6.0	7.0	6.5	6.5	6.5	6.5	6.5
Depth (meters)	82048						
Tide Down/Staff Gauge (ft.)	0.79	0.78					
Tide Stage	00067						
Field pH (su)	00400	7.10	7.25				
Field D.O. (mg/l)	00300	3.60	3.65				
Temp. Water (°C)	00010	6.5	6.5				
Chlorine, Tot. Res. (mg/l)	50060	< 0.10	< 0.10				
Salinity (ppt)	00480	> 2.00	> 2.00				
Conductivity (µmhos/cm)	00402						
Flow, Stream (cfs)	00061						
Flow, Facility (mgd)	50050	0.0732	0.0671	0.0725	0.0565	0.0524	

QUALITY ASSURANCE

pH Meter Serial No.	WWTW	7782	7782	WW2	WW2
pH Buffer Temp. (°C)	23.1	7.5	25.0	25.0	23.1
pH 7.0 Buffer (su)	7.00	7.03	7.00	7.00	7.01
Meter Adjusted to (su)	94.2	93.8	108.3	94.0	97.7
pH 4.0 Buffer (su)	4.01	4.00	4.01	4.01	4.00
pH 10.0 Buffer (su)	10.17	10.35	9.74	10.09	10.14
D.O. Meter Serial No.	08305	08305	08305	08305	08305
Winkler D.O. (mg/l)	8.56	8.48	9.07	8.56	8.49
Air Cal. Temp. (°C)	23.0	23.5	20.0	23.0	20.5
Meter D.O. (mg/l)	8.64	8.00	9.40	8.70	8.53
Meter Adjusted to (mg/l)	8.56	8.48	9.07	8.56	8.49
Conductivity Meter Serial No.					
Std. (µmhos/cm)					
Chlorine Meter Serial No.					
Standard (Blank)					
Standard (0.50 mg/l)					
Standard (1.00 mg/l)					
Sample pH Adjusted to (su)					
Flow Recorder Serial No.	E0544				
Sampler Serial No.	E0551				
Comp. Frequency (Min. or Gals.)	0.0013				
Std. Sample Volume (ml)	125				
Number of Ind. Samples	50				
Comp. Temp. (°C)					
Samples Split with					



Entered MBD 2-3 *Entered Data 2-3* *Analytical*

WASTEWATER TREATMENT FACILITY
MINOR COMPLIANCE SAMPLING INSPECTION
REPORT

C. Midlands EQC District
Bldg. # 5, PO Box 156
State Park, SC 29147
803.896.0620
803.896.0617 - Fax

NPDES: SC0031402
Facility Name: Lloydwood S/D

Outfall: 001

Last Inspection Date: 8-26-03
Effective Date of Permit:

Owner: Mr. Reece Williams
Piney Grove Utilities

Operator of Record:
Operator Grade:

Facility Grade Req:

County: Lexington

Facility Observations	On-Line/Off-Line (Y/N) NA, if not applicable	Comments
Operator's Log*	SAT	
Flow Measurement* (90 degree V-notch)	UNSAT	The flow meter was out, -12.62%
Bar Screen ()		
Grinder (n/a)		
Grit Removal (n/a)		
Primary Sedimentation (n/a)		
Trickling Filter (n/a)		
Aeration (2)	SAT	
Secondary Sedimentation ()		
Digester ()		
Ponds (2)	UNSAT	Vegetation needs cut back and there are problems with the integrity of the banks of both ponds. Second pond is covered with a thick mat of duckweed.
Post Chlorination (gas)	SAT	
Dechlorination (pond)	SAT	
Sludge Handling (n/a)		
Final Filters (n/a)		
Spray/Tile Field (n/a)		
Housekeeping	UNSAT	Vegetation needs to be cut back from the fence and around the banks of both ponds. There are trees along with bushes growing along the banks of both ponds.
Sludge Disposal ()		
Other:		
Other:		

*Note if observations are satisfactory or unsatisfactory.

**Underline violated parameter(s) if applicable.

**Day 1 - Field Parameters (Temp, pH, D.O., TRC or None)
**Day 2 - Field Parameters (Temp, pH, D.O., TRC or None)
**Day 3 - Field Parameters (Temp, pH, D.O., TRC or None)

Effluent Appearance: Grey and Cloudy
Effluent Appearance: Grey and Cloudy
Effluent Appearance: Grey and Cloudy

Weather: Fair
Weather: Cloudy
Weather: Fair

Remarks / Comments / Recommendations:

None

Operator w/Inspector

1-12-04

Date: (mm/dd/yy)

1200

Military Time

Brad Martin
DHEC Field Inspector

Debbie
Reviewed by

01/20/04
Date

Inspection was made to determine the operating condition of the facility, and is not to be interpreted that adequate treatment is being provided.



South Carolina Department of Health and Environmental Control

NPDES Compliance Inspection Report

NPDES Permit No.: **SC0031402**

Inspection Type:

CEI

Date of Inspection:

01/10/02

Entry Time:

0930

Exit Time:

1230

Permit Effective Date:

05/01/94

Permit Expiration
Date:

04/30/99

Name and Location of Facility, (include county):

**PINEY GROVE UTILITIES, INC. / LLOYDWOOD SUBDIVISION WASTEWATER FACILITY
US 321 SEOUTHEAS OF I-26**

LEXINGTON COUNTY

Name, Title, Telephone No. of On-Site Representative(s):

**MR. WILL STEVENSON, OPERATOR OF RECORD
MR. THURSTON CHAVIS, CONTRACT OPERATIONS MANAGER
E.A. SERVICES, INC.
(803) 796-9232 FAX # 796-1602**

Name and Address of Responsible Official/Title/Telephone No. :

**MR. REECE WILLIAMS, PRESIDENT
PINEY GROVE UTILITIES, INC.
717 KING STREET
COLUMBIA, SC 29205**

(803) 606-9224

*Areas Evaluated During Inspection

*Permit
*Records/Reports
*Facility Site Review
Effluent/Receiving Waters
*Collection System

*Flow Measurement
*Self-Monitoring
*Compliance Schedules
Laboratory
Other:

*Operation and Maintenance
*Sludge Handling/Disposal
Pretreatment
Storm Water

Name of Inspector:

TRACEY WILKES

District/Section

CM

Name of District/Section
Reviewer:

LARRY BOLAND

Date: **04/12/02**

Signature of PSC Reviewer:

Date:

EXHIBIT #DTW 38

**COMPLIANCE EVALUATION INSPECTION
PINEY GROVE UTILITIES / LLOYDWOOD SUBDIVISION
WASTEWATER TREATMENT FACILITY
NPDES #SC0031402**

On January 10, 2002, personnel from the South Carolina Department of Health and Environmental Control (SCDHEC) conducted a Compliance Evaluation Inspection (CEI) of the Piney Grove Utilities / Lloydwood Subdivision, South Carolina. The SCDHEC inspector, Mrs. Tracey Wilkes, met with facility representatives, Mr. Thurston Chavis and Mr. Will Stevenson, E.A. Services, Inc., to explain the objectives and procedures of the inspection. All findings made during the inspection were discussed with the representative in a closing conference.

The results of the inspection are as follows:

PERMIT

The facility is authorized to discharge under NPDES Permit No. SC0031402. The permit became effective on May 1, 1994 and it expired on April 30, 1999. Currently, the renewal permit is under review. Permit information regarding the number and location of the receiving waters are correct. All discharges at the facility are permitted.

Rating: Satisfactory

RECORDS AND REPORTS

Permittee's record-keeping and report preparation procedures were consistent with permit requirements. Discharge Monitoring Report (DMR) reviewed during the inspection was the month of November 2001 and appears to be correct.

The permittee appears to be recording and maintaining records as required by the permit. The permittee is currently not subject to the following documents: Spill Prevention Control & Countermeasures (SPCC) Plan, Best Management Plan (BMP) and Storm Water Pollution Prevention Plan (SWP3).

Rating: Satisfactory

FACILITY SITE REVIEW

The facility consists of an on-site pump station with two pumps, aerated lagoon with two contact aerators, which run continuously, a contact chamber, a polishing pond and effluent weir structure. Gas chlorine is injected at the beginning of the contact chamber and water then flows to the polishing pond. There is no dechlorination chemicals used to remove chlorine residuals prior to discharging to the storm drainage ditch. Standby power is not available at this facility. However, an emergency plan for treatment control has been established. The facility experiences hydraulic overloads during periods of rainfall. The facility has a potable water supply but doesn't have a backflow prevention device on site. In the 1999 Compliance Evaluation inspection report, the Department requested that a backflow device be installed and tested annually by a certified person. *As of this inspection, it was noted that a device has not been installed. Also, no response on this matter was received from the owner after the last inspection. Routine and preventive maintenance is performed by contract operations (E.A. Services, Inc).*

Rating: Unsatisfactory

This section is being rated unsatisfactory due to the facility not having a backflow prevention device installed to prevent the possibility of a cross connections between

apotable water supply and nonpotable source.

FLOW MEASUREMENT

Flow is measured at the effluent using a 90-degree V-notch weir. The weir is properly installed and maintained. The flow is continuously recorded by a Stevens Model 61R flow meter. An instantaneous flow measurement taken during the inspection found the flow meter to be 3% in error, this is within 10% error allowance.

A qualified instrument technician conducted an annual calibration of the secondary flow devices through the expected range of flows on November 5, 2001.

Rating: Satisfactory

SELF-MONITORING PROGRAM

The facility's self-monitoring program appears not to be in compliance with the NPDES permit requirements. Effluent composite samples are collected for BOD, TSS and NH₃ twice a month by an automatic sampler. Samples are collected over a 24-hour period proportional to the effluent flow at a rate of one sample (200ml/aliquot) per 5,000 gallons. Composite samples are now being analyzed by Columbia Analytical Services, Inc. The Operator sets up the composite sampler, retrieves the samples and transports them to the contract laboratory. Composite samples are being sampled on the day specified in the permit. *The sampling tubing has build up on the inside of the tubing; it is recommended that the tubing be replaced. The tubing should be clean prior to each sampling event.* Chain of Custody records appear to be correct and include required information. The Operator collects and analyzes effluent field parameters such as, Dissolved Oxygen (DO), pH, and TRC using accepted methodology.

TRC samples are being collected and analyzed more frequently than required. Fecal coliform samples are collected by the Operator and analyzed by the contract laboratory. All samples appear to be collected at the proper locations by the contract operator; however, the dissolved oxygen and pH are required to be collected and analyzed seven days a week but are only being performed five days a week. Therefore, the self-monitoring and the daily operator visits are not being performed as required by the NPDES permit.

Rating: Unsatisfactory

This section is being rated unsatisfactory due to the field parameters, such as, dissolved oxygen and pH not being collected and analyzed seven days a week and because the facility is not being inspected seven days a week as required by the NPDES permit

COMPLIANCE SCHEDULE

The permittee is subject to the conditions of Consent Order # 94-0002-W dated January 5, 1994. The facility is in noncompliance with the schedule and court order. An administrative order is pending.

Rating: Unsatisfactory

This section is rated unsatisfactory due to the owner not meeting the schedule and/or court order.

OPERATION AND MAINTENANCE

At the time of the inspection all treatment units were in service except for the influent pumpstation alarm system. Operator stated that the station was recently checked and was unaware of alarm problem. The Operator will have someone out to troubleshoot the problem immediately. The facility's grounds are in bad shape.

Trees and limbs have fallen and damaged the fence line in many places around the facility. The limbs need to be removed and the bad fence areas repaired.

The entrance road has deep holes, which are collecting rain water and could become a nuisance due to insects and cause vehicle problems. The road needs to be filled in as soon as possible. The effluent weir box must be pumped out due to settled solids. Whenever the water is disturbed, solids came up to the surface. The effluent had a light green tint and was cloudy with a slight odor close to the outfall.

Rating: Unsatisfactory

This section is being rated unsatisfactory due to the pumpstation alarm system not being operational and no maintenance activities taking place on the grounds.

SLUDGE DISPOSAL

The facility is a lagoon; however, should there be a need to remove sludge, the permittee must apply to the Domestic Wastewater Division of SCDHEC for a sludge disposal permit when and if it becomes necessary to dispose of sludge from this facility.

Rating: Satisfactory

CSO/SSO

The collection system responsibilities under this section are handled by the permittee. It is noted that maps and schematics of the wastewater collection system are at the Piney Grove Utilities office. It was also noted the permittee contracts collection system maintenance to MPC and/or PASCON.

While this is appropriate, the permittee must develop in writing and implement and Emergency Treatment Control Plan that would include the action plan for handling collection system overflows, clean up process, equipment or line repairs, and reporting of overflows. This plan should include emergency contact numbers and representatives.

Rating: Satisfactory

*This section is being rated satisfactory; however, **the above information is being requested.***



Central Midlands EQC

South Carolina Department of Health and Environmental Control P. O. Box 156

Wastewater Treatment Facility

Operation & Maintenance

Evaluation

Report

State Park, SC 29147

(803) 896-0620

(803) 896-0617 Fax

NPDES NO. SC0031402 Pipe: 001 Last Insp. Date: 05/01/00
Facility: Lloydwood S/D WWTP
County: Lexington
Owner: Piney Grove Utilities, Inc.
Mr. Reece Williams, President Phone #: 803-606-9224
Address: 717 King Street
Columbia, SC 29201 Operator Grade: A
Grade Required: C

Facility Observation Checked	Rating	Field Tests:	Effluent
Flow Measurement (90 Degree V-Notch)	SAT	pH (Su)	6.87
Fine Screen	n/a	D.O. (Mg/l)	5.45
Grinder	n/a	Temp (deg. C)	26.5
Grit Removal	n/a	TRC (mg/l)	<0.10
Primary Sedimentation	n/a	CL2 In C.C.	2.0
Trickling Filter	n/a		
Aeration-(Type:CONT)(2)	SAT		
Secondary Sedimentation	n/a		
Digester	n/a		
Ponds(1)Aerated & (1)Polishing	UNSAT		
Post Chlorination(150 lb Cl2 gas)	SAT		
Dechlorination	n/a		
Sludge Disposal	n/a		
Final Filters	n/a		
Spray \ Tile Field	n/a		
Housekeeping	UNSAT		
Other-On-site Pump Station	SAT		
Other-Compliance Schedule	UNSAT		

Remarks/Comments/Recommendations:

O&M inconjunction with a Complaint Investigation.

The Operator of Record: Mr. Will Stephenson, "A" Biological # 8471

The effluent has a green tint.

A Consent Order (94-002-W) was issued to the permittee and has not been fulfilled. The Permittee has appealed the Circuit Court Judge's ruling.

This inspection is in conjunction with an odor complaintant investigation. Slight odors were present at the discharge side of the polishing pond and at the effluent discharge point. The polishing pond is covered 100% with duckweed.

The facility is required to be inspected and sampled for effluent parameters seven (7) days a week according to the NPDES permit. The facility is being inspected and sampled Monday through Friday only.

As indicated in the last two inspections, the posting of a weather durable sign with a 24 hour emergency number and contact person has not been posted at the entrance gate. I sign is located on the gate, however, does not include the 24 hr. Emergency number and contact person posted.

08/17/01

Page 2

Lloydwood S/D WWTP

Facility grounds are not being maintained as required. Vegetation is very high on the free board of both ponds, the grounds of the facility and at the effluent basin is very high in vegetation and all these areas must be cut and maintained. Tree limbs are laying on the fence line around the wastewater plant must be removed. The ponds dikes are eroding and corrective measures must be taken.

The Department had not received a response from the last inspection performed in May, 2000.

A response is being requested with in ten (10) upon receiving this inspection stating what corrective actions are taking place to correct the deficiencies.

Unsatisfactory
Overall Rating

08/17/01
Date: (mm/dd/yy)

1000
Military Time

Will Stephenson & Bob Carr
Operator w/Inspector


DHEC Field Inspector

Reviewed By

Inspection was made to determine the operating condition of the plant and, is not to be interpreted that adequate treatment is being provided.

cc: Thurston Chavis, E.A. Services, Inc.



500 Bull Street
Columbia, SC 29201-1708

COMMISSIONER:
Douglas E. Bryant

BOARD:
Bradford W. Wyche
Chairman

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Vice Chairman

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Secretary

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Brian K. Smith

Rodney L. Grandy

Larry R. Chewning, Jr., DMD

CERTIFIED MAIL—RETURN RECEIPT REQUESTED

November 22, 2000

W.E. Sellars
Piney Grove Util/ Lloydwood
717 King Street
Columbia, SC 29201

Re: **Piney Grove Util/ Lloydwood**
NPDES Permit No. SC0031402
Lexington County

RECEIVED

DEC 01 2000
CENTRAL MIDLANDS
DISTRICT - EQC

Tracey

Dear Mr. Sellars:

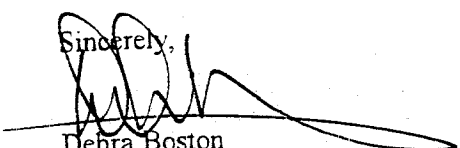
Attached are the results of the **Compliance Sampling Inspection** of your wastewater treatment facility performed by DHEC on September 18, 2000 to September 20, 2000. Sampling was performed in accordance with the NPDES permit and sample chain of custody was maintained by DHEC personnel. All sampling and analyses were performed according to the DHEC Standard Operating Procedures Manual and Quality Assurance Procedures Plan.

A review of this data indicates that the wastewater was not meeting applicable NPDES permit limits during the sampling period for **BOD, fecal coliform and ammonia**, which results in an overall **non-compliance** rating.

Please note that failure to comply with the NPDES permit conditions places you in violation of Sections 48-1-90 and 48-1-110 of the Code of Laws of South Carolina. Therefore, it is requested that you respond in writing to this office within fifteen (15) days concerning corrective action. Failure to respond or an inadequate response will provide a basis for enforcement action.

If you have any questions regarding this inspection, please contact me at 803 898.4041.

Sincerely,


Debra Boston
Facilities Compliance Manager
Pollution Source Compliance Section
Bureau of Water

Attachment

cc: District Director
Enforcement

EXHIBIT #DTW 40

PERMITTEE NAME/ADDRESS

NAME W. SELLARS PRESIDENT
ADDRESS HWY 321 SOUTH
CAYCE, SC 29171

Water Pollution Control
COMPLIANCE MONITORING REPORT

SC00031402
PERMIT NUMBER

001
DISCHARGE NUMBER

CM 04/30/1999

NOTE TO MUNICIPALS: Weekly average is listed in maximum column and monthly average is listed in average column.

FACILITY PINNEY GROVE UTIL/LLOYDWOOD SD
LOCATION LEXINGTON County

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION			SAMPLE TYPE	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM		UNITS
01092 Zinc, Total	SAMPLE MEASUREMENT						0.030	MG/L	CP
	PERMIT REQUIREMENT						REPORT		24
50050 Flow in Conduit	SAMPLE MEASUREMENT								CP
	PERMIT REQUIREMENT	0.077	0.077	MGD					CM
50060 Total Residual Chlorine	SAMPLE MEASUREMENT						0.100K	MG/L	GR
	PERMIT REQUIREMENT	0.1548	0.1548				-0.1		GR
74055 Fecal Coliform General	SAMPLE MEASUREMENT						1002	#/ 100ML	GR
	PERMIT REQUIREMENT						200		GR
	SAMPLE MEASUREMENT								
	PERMIT REQUIREMENT								
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Water Pollution Control

COMPLIANCE MONITORING REPORT

PERMITTEE NAME/ADDRESS

NAME W. SELLARS PRESIDENT
ADDRESS HWY 321 SOUTH
CAYCE, SC 29171

FACILITY PINEY GROVE UTIL/LLOYDWOOD SD
LOCATION LEXINGTON County

SC0031402
PERMIT NUMBER

001
DISCHARGE NUMBER

CM 04/30/1999

NOTE TO MUNICIPALS: Weekly average is listed in maximum column and monthly average is listed in average column.

PARAMETER	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				SAMPLE TYPE
	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	
00300 Dissolved Oxygen	SAMPLE MEASUREMENT							GR
	PERMIT REQUIREMENT			2.550			MG/L	GR
00310 ROD - 5 Day (20 Degrees C)	SAMPLE MEASUREMENT	30.182	LBS/DAY		47.000	47.000	MG/L	CP
	PERMIT REQUIREMENT	50.1			30	45		24
00400 pH Standard Units	SAMPLE MEASUREMENT			6.430		7.020	SU	GR
	PERMIT REQUIREMENT			6.0		9.0		GR
00530 Total Suspended Solids (TSS)	SAMPLE MEASUREMENT	34.678	LBS/DAY		54.000	54.000	MG/L	CP
	PERMIT REQUIREMENT	116.2			90	135		24
00610 Ammonia-Nitrogen Total as N	SAMPLE MEASUREMENT	10.275	LBS/DAY		16.000	16.000	MG/L	CP
	PERMIT REQUIREMENT	3.4			2.60	3.90		24
01027 Cadmium, Total	SAMPLE MEASUREMENT					0.010K	MG/L	CP
	PERMIT REQUIREMENT					REPORT		24
01042 Copper, Total as Cu	SAMPLE MEASUREMENT					0.010	MG/L	CP
	PERMIT REQUIREMENT					REPORT		24
01051 Lead, Total	SAMPLE MEASUREMENT					0.050K	MG/L	CP
	PERMIT REQUIREMENT					REPORT		24
	SAMPLE MEASUREMENT							
	PERMIT REQUIREMENT							

NPDES #: SC0031402 PUMP #: 001

Parameter	Value	Start Date	End Date	Sample Type	Limit Type
00010 Water Temperature (Centigrade)	21.1	09/18/2000	09/18/2000	GR	F
00010 Water Temperature (Centigrade)	21.5	09/18/2000	09/19/2000	GR	F
00010 Water Temperature (Centigrade)	27.6	09/18/2000	09/20/2000	GR	F
00011 Water Temperature (Fahrenheit)	70.0	09/18/2000	09/18/2000	GR	F
00011 Water Temperature (Fahrenheit)	70.7	09/18/2000	09/19/2000	GR	F
00011 Water Temperature (Fahrenheit)	81.7	09/18/2000	09/20/2000	GR	F
00020 Air Temperature (Centigrade)	19.0	09/18/2000	09/18/2000	GR	F
00020 Air Temperature (Centigrade)	26.0	09/18/2000	09/19/2000	GR	F
00020 Air Temperature (Centigrade)	31.5	09/18/2000	09/20/2000	GR	F
00041 Weather	Rain	09/18/2000	09/18/2000	GR	F
00041 Weather	Fair	09/18/2000	09/19/2000	GR	F
00041 Weather	Fair	09/18/2000	09/20/2000	GR	F
00300 Dissolved Oxygen	2.60	09/18/2000	09/18/2000	GR	F
00300 Dissolved Oxygen	2.55	09/18/2000	09/19/2000	GR	F
00300 Dissolved Oxygen	2.80	09/18/2000	09/20/2000	GR	F
00310 BOD - 5 Day (20 Degrees C)	47	09/19/2000	09/20/2000	CP	F
00400 pH Standard Units	6.49	09/18/2000	09/18/2000	GR	F
00400 pH Standard Units	6.72	09/18/2000	09/19/2000	GR	F
00400 pH Standard Units	7.09	09/18/2000	09/20/2000	GR	F
00530 Total Suspended Solids (TSS)	54	09/19/2000	09/20/2000	CP	F
00610 Ammonia-Nitrogen Total as N	16.0	09/19/2000	09/20/2000	CP	F
01027 Cadmium, Total	<10	09/19/2000	09/20/2000	CP	F
01042 Copper, Total as Cu	10	09/19/2000	09/20/2000	CP	F
01051 Lead, Total	<50	09/19/2000	09/20/2000	CP	F
01092 Zinc, Total	30	09/19/2000	09/20/2000	CP	F
50050 Flow in Conduit	.077	09/18/2000	09/20/2000	CP	F
50060 Total Residual Chlorine	<.10	09/18/2000	09/18/2000	GR	F
50060 Total Residual Chlorine	<.10	09/18/2000	09/19/2000	GR	F
50060 Total Residual Chlorine	<.10	09/18/2000	09/20/2000	GR	F
66666 TRC Before Dechlorination	>2.0	09/18/2000	09/18/2000	GR	F
66666 TRC Before Dechlorination	>2.0	09/18/2000	09/19/2000	GR	F
66666 TRC Before Dechlorination	>2.0	09/18/2000	09/20/2000	GR	F
74055 Fecal Coliform General	2300	09/18/2000	09/18/2000	GR	F
74055 Fecal Coliform General	1100	09/19/2000	09/19/2000	GR	F
74055 Fecal Coliform General	500	09/20/2000	09/20/2000	GR	F

SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL *
ANALYTICAL SERVICES DIVISION LABORATORY REPORT *

SAMPLE NUMBER : 0913000154
CHARGE NUMBER : WPC
COLLECTED BY : M KROFCHICK
COUNTY : LEXINGTON
SAMPLE DESCRIPTION : 31402 LLOYDWOOD S/D
SAMPLE TYPE : GR3

WEDNESDAY NOVEMBER 1ST, 2000
RELEASE DATE : 11/01/00 12:57:15
DT COLLECTED : 09/18/00 12:45:00
SAMPLE MEDIUM : WATER

STATION CODE : 001

ANALYSIS

STORET RESULT

CAL COLI MPN /100ML
COMMENTS:

31615 2300

:

COMMENTS:

SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL *
ANALYTICAL SERVICES DIVISION LABORATORY REPORT *

SAMPLE NUMBER : 0920000229
CHARGE NUMBER : WPC
COLLECTED BY : M KROFCHICK
COUNTY : LEXINGTON
SAMPLE DESCRIPTION : 31402 LLOYDWOOD S/D
SAMPLE TYPE : GR2

FRIDAY SEPTEMBER 22ND, 2000
RELEASE DATE : 09/22/00 13:48:59
DT COLLECTED : 09/20/00 12:30:00
SAMPLE MEDIUM : WATER

STATION CODE : 001

ANALYSIS

STORET RESULT

CAL COLI MPN /100ML
OMMENTS:

31615 500

:

OMMENTS:

 SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL *
 ANALYTICAL SERVICES DIVISION LABORATORY REPORT *

SAMPLE NUMBER : 0920000230
 CHARGE NUMBER : WPC
 COLLECTED BY : M KROFCHICK
 COUNTY : LEXINGTON
 SAMPLE DESCRIPTION : 31402 LLOYDWOOD S/D
 SAMPLE TYPE : CP2

MONDAY OCTOBER 9TH, 2000
 RELEASE DATE : 10/09/00 12:20:14
 DT COLLECTED : 09/20/00 12:40:00
 SAMPLE MEDIUM : WATER

STATION CODE : 001

ANALYSIS	STORET	RESULT
OD5 MG/L	00310	47
ADMIUM UG/L	01027	<10
OPPER UG/L	01042	10
EAD UG/L	01051	<50
INC UG/L	01092	30
MMONIA MG/L	00610	16.0
OTAL SUSP SOLIDS MG/L	00530	54

OMMENTS:

 SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL *
 ANALYTICAL SERVICES DIVISION LABORATORY REPORT *

SAMPLE NUMBER : 0919000182
 CHARGE NUMBER : WPC
 COLLECTED BY : M KROFCHICK
 COUNTY : LEXINGTON
 SAMPLE DESCRIPTION : 31402 LLOYDWOOD S/D
 SAMPLE TYPE : GR3

WEDNESDAY NOVEMBER 1ST, 2000
 RELEASE DATE : 11/01/00 12:57:51
 DT COLLECTED : 09/19/00 12:25:00
 SAMPLE MEDIUM : WATER
 STATION CODE : 001

NALYSIS

STORET RESULT

CAL COLI MPN /100ML
 OMMENTS:

31615 1100
 :

OMMENTS:



analytical
Copy

CENTRAL MIDLANDS EQC DISTRICT

PO Box 156, Building #5

State Park, SC 29147

(803) 896-0620 Fax (803) 896-0617 Certified Mail-Return Receipt: 7099-3400-0003-6617-9563

March 3, 2005

Ms. Rita Foxworth
Garfield Environmental Services
P.O. Box 1316
Summerton, SC 29148

RE: NPDES Permit #SC000031399
Franklin Park S/D WWTF
February 28, 2005 - Compliance Sampling Inspection

Dear Ms. Foxworth:

The Central Midlands District performed a compliance sampling inspection on the above facility and noted the following deficiencies. Please respond to the deficiencies as requested below.

Day 1 - A tube was noted to be hanging in the contact chamber with a few chlorine tablets, however, this tube and the location of the tube is not approved by the Department.

The approved tablet chlorinator and dechlorinator did not contain any chlorine tablets.

Why isn't the tablet chlorinator and dechlorinator being used as approved?

Documentation of daily inspections, sampling and effluent data is not being maintained on site. The Department has requested over and over, to have the current month's data on site at all times. This is a requirement of the NPDES permit.

Why isn't the operator's log being maintained on site?

An instantaneous flow measurement was performed on the weir. The effluent discharge flow was 113,000 gallons. The facility is designed to treat 40,000 gallons a day. Wastewater was flowing over the contact chamber's inside baffle walls (short circuiting), instead of flowing through the channels and giving the wastewater sufficient time to be disinfected.

Why is the flow so high?

EXHIBIT #DTW 41

Day 2 - No operator documentation on site. An instantaneous flow was measured at 89,000 gallons.

Have you investigated where all this water is coming from? What are your findings?

The facility had a pH violation on the effluent. The daily limit is 6.0-8.5. The pH discharging was 9.33 ppm.

Why is a high pH being discharged?

The chlorinated wastewater had a total chlorine residual of 0.12 mg/L, which is on the low side.

Day 3 - The 24-hour flow was recorded as 102,000 gallons. Again, wastewater was flowing over the inside walls of the contact chamber. There appears to be a problem in the collection system.

Again, the chlorinated wastewater had a total chlorine residual was 0.12 mg/L.

The facility had another pH violation on the effluent. The pH was 9.20 mg/L.

The vegetation, trees, bushes all along the free board of the lagoon, along the dike and on the fence line has not be cut back as previously requested in past inspections.

Why aren't the grounds being maintained? This is an ongoing problem.

Since records are not being maintained on site, the Department is requesting copies of the last three months (January, February and March, 2005) of the operator's daily log, field parameter sampling results, field instrument calibration records, composite sampling setup information, composite sampling results and chain of custody records from the contract laboratory. These records are requested to be faxed or mailed to the District office for review by March 11, 2005.

Our address is: SCDHEC-Central Midlands District, P.O. Box 156, State Park, SC 29147
Our fax number is: 803-896-0617.

Respectfully,



D. Tracey Wilkes
Wastewater Evaluator
Central Midlands District

cc: Larry Boland, SCDHEC Central Midlands District
Robin Foy, SCDHEC Enforcement
Louis H. Lang, Callison Tighe & Robinson
Reece Williams, Piney Grove Utilities, Inc.

Facility: Franklin Park NPDES No: SC0031399 County: Richland
Date Rec: 2/28/05 Date In: 1205 Date Out: 3/2/05 Time Out: 1205
Flow Meter Serial Number: 67249 Module No: 416 Meter Head: 1'0"
Primary Flow Device: 60° V-notch
Scaling Constant (GFS): 1.08 X10 Chart Speed: 1/2" / hr
Head at Set-Up: 0.43 Flow Rate at Set-Up (GFS): 1.309
Full Scale Flow Rate (GFS): 7.0 Estimated Daily Flow (MGD): 0.090
Total Flow Day One (MGD): 0.102 Total Flow Day Two (MGD):
In-house Flow Equipment Checked:

COMMENTS

GR: Recd. REC < 0.6; P.D. > 2.0; pH 6.0-8.5
C.P.: Flow; BOD₅; TSS; Total-P

1) 2/28/05 Day 1: gate locked, no flow for entire T. platford
1/2 B. meter entered thru gate and no flow; we found
the inlet to be blocked by a log, so we had to remove it.
flow: H₂O in floating over a inside wall of contact
chamber; no recd. on a to; vegetation and clogging
2) 3/1/05 Day 2: entered w/ bag to set up & found H₂O
still flowing over inside wall of contact chamber
3) 3-1-05 pH violation of 9.33 recd. but not noted
7.04 adjusted to 7.00; 4.80 @ 100% slope; 9.96 @ 147% after
recalibration at 9.38
1) 3/2/05: pH violation of 9.72. Recd. but not noted 7.05 adjusted
to 7.00; 4.00 @ 101% slope; 9.91 @ 12.2% after calibration
2) 3/2/05: Day 3: entered the facility; found water flowing
over inside contact chamber walls again.

Sample delivered to L. Muga 3/1/05 @ 1410
11 3/2/05 @ 1445

COLLECTOR: <u>T. Watford</u>		SC0031399	
WEATHER CODES: Clear 00, Fair 01, Cloudy 02, Rain 22		TIDE STAGE CODES: Ebb 2000, Flood 4000	
Time Collected	In	Out	1205
(military)	0000	0100	1205
Date (y/mo/day)	02/28/05	03/02/05	1205
Weather	00041	0100	00002
Temp. Air (°C)	00020	11.5	7.0
% from R.B.	00002		
Depth (meters)	82048		
Tape Down/Start Gage (ft.)		4.3	0.39
Tide Stage	00067		
Field pH (su)	00400	9.33	9.20
Field D.O. (mg/l)	00300	13.30	13.07
Temp. Water (°C)	00010	10.3	8.3
Chlorine, Tot. Res. (mg/l)	50060	0.8	0.10
Salinity (ppt) - CC-CL2	00480	0.12	0.12
Conductivity (µmhos/cm)	00402		
Flow Stream (cfs)	00061		
Flow Facility (mgd)	50050	0.113	0.089
QUALITY ASSURANCE			
pH Meter Serial No.			
pH Buffer Temp. (°C)			
pH 7.0 Buffer (su)		7.04	7.03
Meier Adjusted to (su)			
pH 4.0 Buffer (su)			
pH 10.0 Buffer (su)			
D.O. Meter Serial No.			
Winkler D.O. (mg/l)			
Air Cal. Temp. (°C)			
Meier D.O. (mg/l)			
Meier Adjusted to (mg/l)			
Conductivity Meter Serial No.			
Std. I µmhos/cm			
Std. I µmhos/cm			
Chlorine Meter Serial No.			
Standard [Blank]			
Standard (0.50 mg/l)			
Standard (1.00 mg/l)			
Sample pH Adjusted to (su)			
Flow Recorder Serial No.			
Sampler Serial No.			
Comp. Frequency (Min. or Gals.)			
Ind. Sample Volume (ml)			
Number of Ind. Samples			
Comp. Temp. (°C)			
Samples Split with			



PH - Violations +

Intend
granted
3/8/05

WASTEWATER TREATMENT FACILITY
FOR COMPLIANCE SAMPLING INSPECTION
REPORT

C. Midlands EQC District
Bldg. # 5, PO Box 156
State Park, SC 29147
803.896.0620
803.896.0617 - Fax

NPDES#SC0031399

Outfall: 001

Last Inspection Date: 09/10/02

Facility Name: Piney Grove Utilities / Franklin Park Sub. WWTP

Effective Date of Permit: 4/1/00-9/30/04

Owner: Mr. Reece Williams
2 Fifth Avenue
Charleston, SC 29403

Operator of Record: Rita Foxworth
Operator Grade: "B" Biological #4483

Facility Grade Req: C

County: Richland

Facility Observations

On-Line/Off-Line (Y/N)
NA, if not applicable

Comments

Operator's Log*	unsat.	did not see a log book on site.
Flow Measurement* (60 V-Notch)	unsat.	Flow violation - on weekly + monthly
Bar Screen () ()	N/A	
Grinder ()	N/A	
Grit Removal ()	N/A	
Primary Sedimentation ()	N/A	
Trickling Filter ()	N/A	
Aeration (Type:) ()	unsat.	No aerators were present.
Secondary Sedimentation ()	N/A	
Digester () ()	N/A	
Ponds () (1)	unsat.	mass veg. growth on the banks of pond.
Post Chlorination (tablets) ()	unsat.	untreated H ₂ O was flowing over contact chamber walls
Dechlorination (tablets) ()	unsat.	No dechlor. tabs present on the 1 st degassing.
Sludge Handling ()	N/A	
Final Filters ()	N/A	
Spray/Tile Field	N/A	
Housekeeping	unsat.	trash/debris around pond + discharge point.
Sludge Disposal ()	N/A	
Other:		SEE REDACTED Attached
Other:		

*Note if observations are satisfactory or unsatisfactory.

**Underline violated parameter(s) if applicable.

**Day 1 - Field Parameters (Temp, pH, D.O., TRC or None)

Effluent Appearance: green colored

Weather: fair

**Day 2 - Field Parameters (Temp, pH, D.O., TRC or None)

Effluent Appearance: green colored

Weather: fair

**Day 3 - Field Parameters (Temp, pH, D.O., TRC or None)

Effluent Appearance: green colored

Weather: fair

Low Cl₂ in C.C.

Remarks / Comments / Recommendations:

- Downed fencing + barbed wire in some areas.
- Downed trees along the dike around the pond. Entering + leaving the facility is a hazard.
- Mass veg. growth on the fencing + barbed wire.

Operator w/Inspector

Date: (mm/dd/yy)

Military Time

[Signature]
DHEC Field Inspector

[Signature]
Reviewed by

3/8/05
Date



South Carolina Department of Health and Environmental Control
Analytical Services Division Laboratory Report

Station Code: SC31399G	Laboratory Sample Number: AB31452
Location Description: 001 PINEY GROVE UT/FRANKLIN PK	Program Charge: WPC
Matrix: WATER	Collected By: WATFORD T
County: RICHLAND	Date of Collection: 3/1/2005
Sample Type: GR3	Time of Collection: 12:00:00 PM

Laboratory Sample Number: **AB31452**

Analysis	Result	Units
Fecal Coliform - MPN	13000	cnt/100mL

Sample Comments

RECEIVED

MAR 17 2005

CENTRAL MIDLANDS
DISTRICT - EQC